

# Converting Colors

Yxy(92.1909, 0.2955, 0.3430)

Have a look what the booklet for  
Yxy(92.1909, 0.2955, 0.3430)  
contains.

<b>Yxy(92.1670, 0.2958, 0.3434)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	27
<i><b>CSS Examples</b></i>	30

# Color

**Yxy(92.1670, 0.2958, 0.3434)**

# Conversions

Conversions Part 1	
Format	Color
Hex	D6FFF1
RGB	214, 255, 241
RGB Percent	84%, 100%, 95%
CMY	0.1604, 0.0001, 0.0548
CMYK	0.16, 0.00, 0.05, 0.00
HSL	160°, 100%, 92%
HSV	160°, 16%, 100%
XYZ	79.3914, 92.1670, 96.8371
YIQ	241.1450, -19.9420, -13.0460

# Conversions

## Conversions Part 2

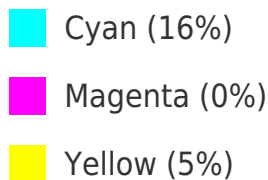
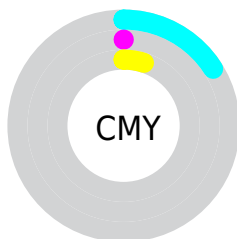
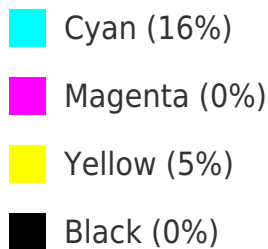
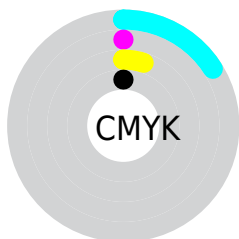
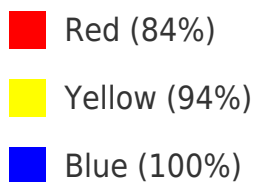
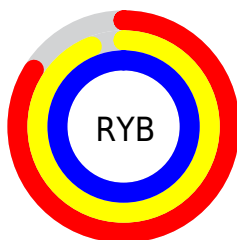
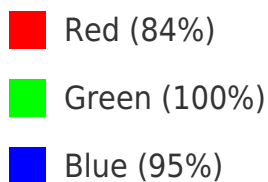
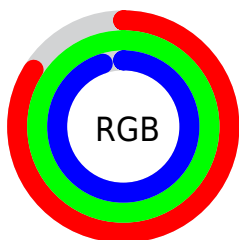
Format	Color
<a href="#">RYB</a>	<a href="#">214, 239, 255</a>
Decimal	<a href="#">14090225</a>
CIELab	<a href="#">96.89, -15.70, 2.30</a>
CIELCh	<a href="#">97, 15.871, 171.664</a>
Yxy	<a href="#">92.1670, 0.2958, 0.3434</a>
Android (android.graphics.Color)	<a href="#">4292280305</a> (0xFFD6FFF1)
YUV	<a href="#">241.1450, -0.0715, -23.8062</a>
Hunter-Lab	<a href="#">96.0036, -20.3936, 7.3978</a>

# Details

The Yxy color **92.1670, 0.2958, 0.3434** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **75.0040, 0.3332, 0.3151**, and the grayscale version is **88.1115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.2619, 0.2922, 0.3463** is the 20% darker color. If you saturate the color by 10%, you get **88.1195, 0.2859, 0.3536**, and if you desaturate by 10%, it is **96.8477, 0.3062, 0.3341**.

# Distribution





# Brightness & Saturation Gradients

These gradients show how the Yxy color 92.1670, 0.2958, 0.3434 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 92.1670, 0.2958, 0.3434 by changing the saturation by 10% instead.



 92.1670, 0.2958,  
0.3434

 92.1670, 0.2958,  
0.3434


535.0551, 0.3033,  
0.3370

 69.7793, 0.2941,  
0.3448


150.3448, 0.2984,  
0.3412

 51.3467, 0.2921,  
0.3466


186.9038, 0.2994,  
0.3403

 36.4846, 0.2896,  
0.3487


228.9553, 0.3002,  
0.3396

 24.8087, 0.2864,  
0.3515

276.8838, 0.3010,  
0.3389

 15.9346, 0.2822,  
0.3552

331.0736, 0.3017,  
0.3384

 9.4779, 0.2764,  
0.3603


391.9092, 0.3023,


 5.0542, 0.2679,


0.3378


0.3678


459.7749, 0.3028,  
0.3374

 2.2791, 0.2541,  
0.3802


 0.7626, 0.1925,  
0.4300

 92.1670, 0.2958,  
0.3434

 92.1670, 0.2958,  
0.3434


 88.1195, 0.2859,  
0.3536


 96.8477, 0.3062,  
0.3341


 84.6654, 0.2769,  
0.3647


99.9881, 0.3127,  
0.3290

 81.7783, 0.2691,  
0.3766

 79.4248, 0.2627,  
0.3892

 77.5684, 0.2582,  
0.4023

 76.1675, 0.2556,  
0.4156

 75.1737, 0.2551,  
0.4290

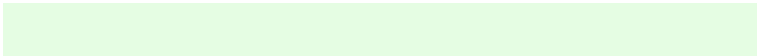
 74.5268, 0.2566,  
0.4420

 74.3312, 0.2576,  
0.4472

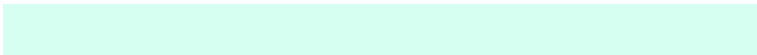
# Harmonies

## Analogous

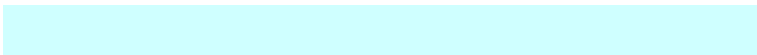
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.1670, 0.3128, 0.3557



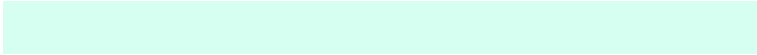
92.1670, 0.2958, 0.3434



92.1670, 0.2835, 0.3271

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.1670, 0.2958, 0.3434



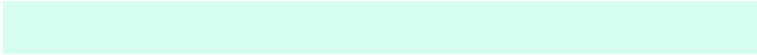
92.1670, 0.2949, 0.2993



92.1670, 0.3478, 0.3446

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



92.1670, 0.2958, 0.3434



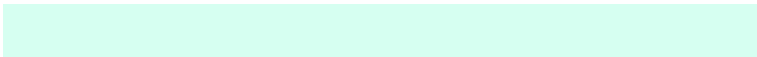
75.0040, 0.3332, 0.3151

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



92.1670, 0.3427, 0.3297



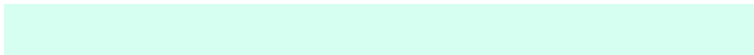
92.1670, 0.2958, 0.3434



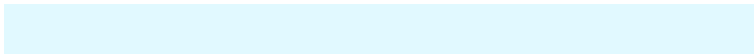
92.1670, 0.3118, 0.3042

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.1670, 0.2958, 0.3434



92.1670, 0.2830, 0.3020



92.1670, 0.3295, 0.3151

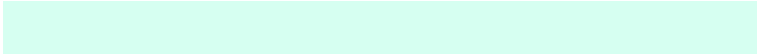


92.1670, 0.3431, 0.3559



# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



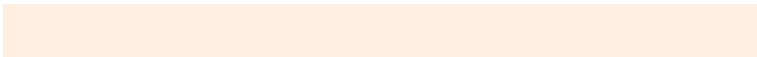
92.1670, 0.2958, 0.3434



92.1670, 0.2795, 0.3166



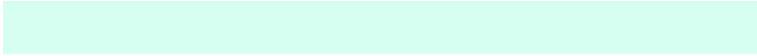
92.1670, 0.3295, 0.3151



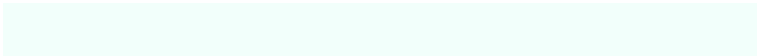
92.1670, 0.3472, 0.3398

# Sweetspot

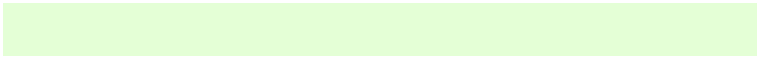
The Sweet Spot groups the original color and five complimentary colors.



92.1709, 0.2958, 0.3434



97.3842, 0.3074, 0.3332



92.9287, 0.3197, 0.3712



20.7684, 0.3066, 0.3338



0.0000, 0.0000, 0.0000

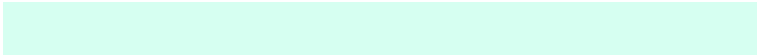


21.4041, 0.3127, 0.3290

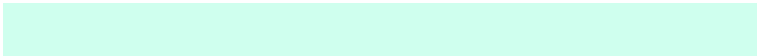


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.1709, 0.2958, 0.3434



90.9203, 0.2928, 0.3463



89.1876, 0.2881, 0.3226



20.3698, 0.3026, 0.3372



38.8753, 0.2570, 0.4450



3.8057, 0.2528, 0.4301



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



75.0040, 0.3332, 0.3151



71.0009, 0.3378, 0.3123



77.4239, 0.3423, 0.3353



18.0895, 0.3240, 0.3209



11.4942, 0.5616, 0.2867



1.1387, 0.5299, 0.2693



# Previews

## White Background



This preview shows how the Yxy color 92.1670, 0.2958, 0.3434 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

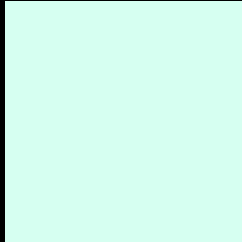
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 92.1670, 0.2958, 0.3434 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

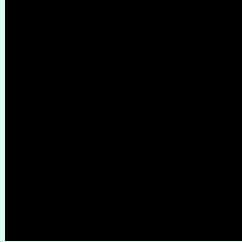
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

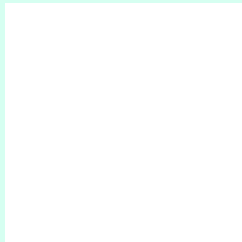
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 92.1670, 0.2958, 0.3434**

## Background



This preview shows how black text looks on a background with the Yxy color 92.1670, 0.2958, 0.3434.

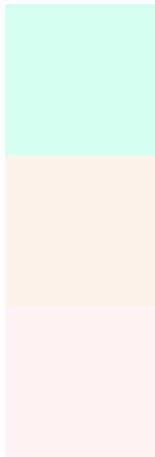


This preview shows how white text looks on a background with the Yxy color 92.1670, 0.2958, 0.3434.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

92.1670, 0.2958, 0.3434

### Protanopia

91.3950, 0.3234, 0.3379

### Deuteranopia

91.9538, 0.3193, 0.3271




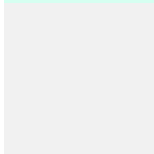
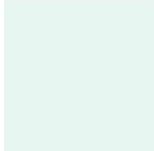
## Tritanopia

91.5744, 0.3012, 0.3211

# Trichromacy

	<b>Original Color</b> 92.1670, 0.2958, 0.3434
	<b>Protanomaly</b> 91.4264, 0.3128, 0.3400
	<b>Deuteranomaly</b> 91.5784, 0.3100, 0.3320
	<b>Tritanomaly</b> 91.7673, 0.2991, 0.3290

# Monochromacy

	<b>Original Color</b> 92.1670, 0.2958, 0.3434
	<b>Achromatopsia</b> 87.9622, 0.3127, 0.3290
	<b>Achromatomaly</b> 89.2513, 0.3061, 0.3341

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 92.1670, 0.2958, 0.3434 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(214, 255, 241)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 241)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(214, 255, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 241) }
```

## Border

The CSS property to change the border of an element to Yxy 92.1670, 0.2958, 0.3434 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(214, 255, 241) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(214, 255, 241) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(214, 255, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 241);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
241) }
```



# Background

The CSS property to change the background color of an element to Yxy 92.1670, 0.2958, 0.3434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 241) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(214,  
255, 241) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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