

Converting Colors

Yxy(91.9662, 0.2949, 0.3295)

Have a look what the booklet for
Yxy(91.9662, 0.2949, 0.3295)
contains.

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Color

Yxy(92.1154, 0.2950, 0.3300)

Conversions

Conversions Part 1

Format	Color
Hex	DEFCEB
RGB	222, 252, 251
RGB Percent	87%, 99%, 98%
CMY	0.1294, 0.0117, 0.0158
CMYK	0.12, 0.00, 0.00, 0.01
HSL	178°, 83%, 93%
HSV	178°, 12%, 99%
XYZ	82.3456, 92.1154, 104.6766
YIQ	242.9160, -17.5590, -6.6710

Conversions

Conversions Part 2

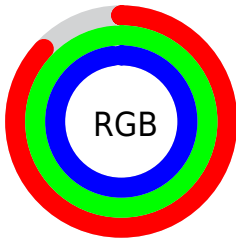
Format	Color
R _Y B	222, 237, 252
Decimal	14613755
CIE Lab	96.87, -9.84, -2.79
CIE LCh	97, 10.231, 195.834
Yxy	92.1154, 0.2950, 0.3300
Android (android.graphics.Color)	4292803835 (0xFFDEFCEB)
YUV	242.9160, 3.9854, -18.3433
Hunter-Lab	95.9768, -14.8110, 2.5194

Details

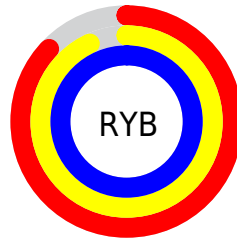
The Yxy color **92.1154, 0.2950, 0.3300** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.2780, 0.3335, 0.3280**, and the grayscale version is **89.5384, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **51.1858, 0.2911, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **88.3775, 0.2811, 0.3309**, and if you desaturate by 10%, it is **96.4559, 0.3098, 0.3292**.

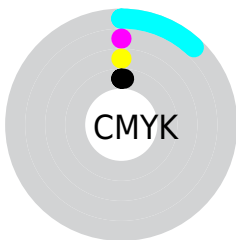
Distribution



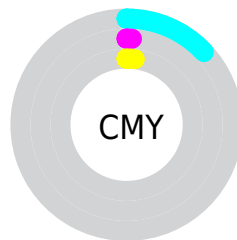
- Red (87%)
- Green (99%)
- Blue (98%)



- Red (87%)
- Yellow (93%)
- Blue (99%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)





- Cyan (13%)
- Magenta (1%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.1154, 0.2950, 0.3300 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 92.1154, 0.2950, 0.3300 by changing the saturation by 10% instead.


 92.1154, 0.2950,
0.3300

 92.1154, 0.2950,
0.3300


534.8884, 0.3028,
0.3296

 69.7365, 0.2933,
0.3301

150.2733, 0.2976,
0.3299

 51.3117, 0.2912,
0.3302


186.8211, 0.2987,
0.3298

 36.4568, 0.2887,
0.3303

228.8607, 0.2996,
0.3298

 24.7872, 0.2854,
0.3304

276.7763, 0.3004,
0.3297

 15.9186, 0.2811,
0.3305

330.9526, 0.3011,
0.3297

 9.4665, 0.2753,
0.3306

391.7737, 0.3018,

 5.0467, 0.2668,

0.3297

0.3307

459.6242, 0.3023,
0.3296

■ 2.2747, 0.2533,
0.3307

■ 0.7603, 0.2128,
0.3354

■ 92.1154, 0.2950,
0.3300

■ 92.1154, 0.2950,
0.3300

■ 88.3775, 0.2811,
0.3309

■ 96.4559, 0.3098,
0.3292

■ 85.2045, 0.2683,
0.3319

■ 97.9580, 0.3142,
0.3283

■ 82.5719, 0.2570,
0.3330

■ 98.0138, 0.3137,
0.3275

■ 80.4491, 0.2475,
0.3341

■ 98.0698, 0.3132,
0.3267

78.8022, 0.2398,
0.3352

98.1044, 0.3128,
0.3262

77.5935, 0.2340,
0.3364

76.7794, 0.2303,
0.3375

76.3073, 0.2283,
0.3387

76.1113, 0.2277,
0.3396

Harmonies

Analogous

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



92.1154, 0.3038, 0.3400



92.1154, 0.2950, 0.3300



92.1154, 0.2909, 0.3199

Triad

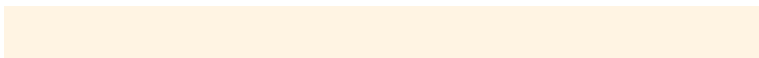
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



92.1154, 0.2950, 0.3300



92.1154, 0.3100, 0.3118



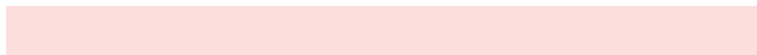
92.1154, 0.3333, 0.3453

Complementary

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



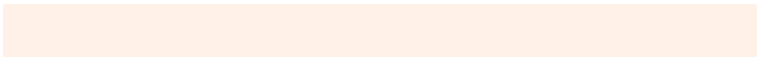
92.1154, 0.2950, 0.3300



78.2780, 0.3335, 0.3280

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.



92.1154, 0.3351, 0.3375



92.1154, 0.2950, 0.3300



92.1154, 0.3215, 0.3183

Square

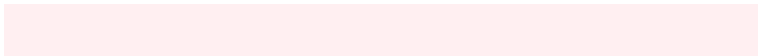
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



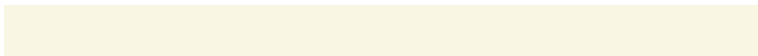
92.1154, 0.2950, 0.3300



92.1154, 0.2994, 0.3096



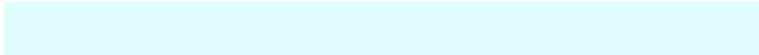
92.1154, 0.3307, 0.3277



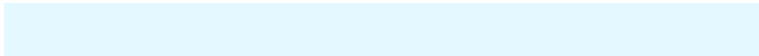
92.1154, 0.3260, 0.3489

Rectangle

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



92.1154, 0.2950, 0.3300



92.1154, 0.2913, 0.3145



92.1154, 0.3307, 0.3277



92.1154, 0.3346, 0.3431

Sweetspot

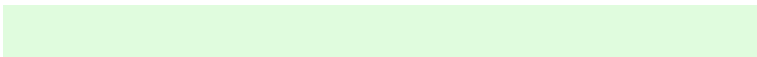
The Sweet Spot groups the original color and five complimentary colors.



92.1192, 0.2950, 0.3300



98.0938, 0.3066, 0.3293



90.6690, 0.3122, 0.3602



20.9218, 0.3055, 0.3294



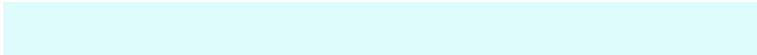
0.0000, 0.0000, 0.0000



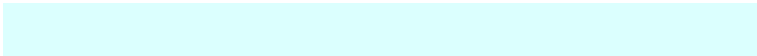
21.4041, 0.3127, 0.3290

Same Dimension

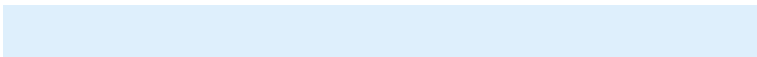
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.1192, 0.2950, 0.3300



93.7671, 0.2920, 0.3302



84.0072, 0.2941, 0.3151



19.5976, 0.2985, 0.3298



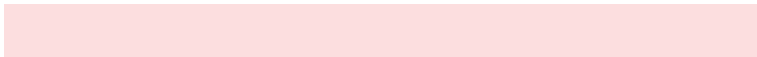
39.6500, 0.2276, 0.3394



3.6754, 0.2272, 0.3380

Inverse Universe

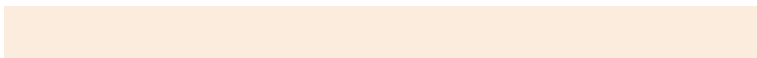
The Inverse Universe completely reimagines the original color for something new.



78.2780, 0.3335, 0.3280



77.2756, 0.3379, 0.3278



85.6810, 0.3326, 0.3425



17.2350, 0.3289, 0.3282



10.7948, 0.6365, 0.3280



1.0031, 0.6278, 0.3232

Previews

White Background



This preview shows how the Yxy color 92.1154, 0.2950, 0.3300 looks on a white background.

Color Contrast Check

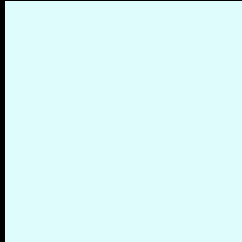
Large Text (above 18pt) WCAG AA × Fail

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 92.1154, 0.2950, 0.3300 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

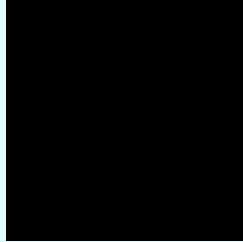
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

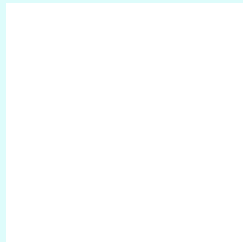
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 92.1154, 0.2950, 0.3300

Background



This preview shows how black text looks on a background with the Yxy color 92.1154, 0.2950, 0.3300.

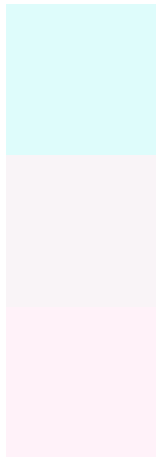


This preview shows how white text looks on a background with the Yxy color 92.1154, 0.2950, 0.3300.

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

92.1154, 0.2950, 0.3300

Protanopia

91.5565, 0.3141, 0.3261

Deuteranopia

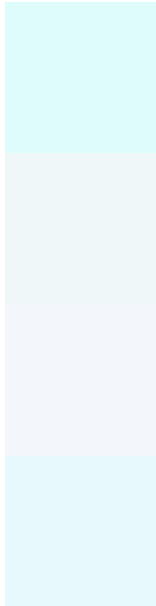
91.6038, 0.3169, 0.3223



Tritanopia

91.9187, 0.3024, 0.3211

Trichromacy



Original Color

92.1154, 0.2950, 0.3300

Protanomaly

91.6496, 0.3071, 0.3280

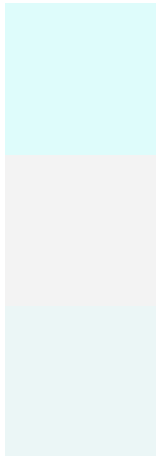
Deuteranomaly

91.8683, 0.3084, 0.3251

Tritanomaly

92.0629, 0.2993, 0.3240

Monochromacy



Original Color

92.1154, 0.2950, 0.3300

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.2275, 0.3057, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.1154, 0.2950, 0.3300 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(222, 252, 251)` looks like.

```
.text, #text, p{  
    color:rgb(222, 252, 251)  
}
```

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(222, 252, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 252, 251) }
```

Border

The CSS property to change the border of an element to Yxy 92.1154, 0.2950, 0.3300 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(222, 252, 251) }
```

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

```
.border{ border-color:rgb(222, 252, 251) }
```

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

Here you see how a box with a 4 pixel rgb(222, 252, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 252, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 252, 251);  
box-shadow:4px 4px 4px 4px rgb(222, 252,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 92.1154, 0.2950, 0.3300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 252, 251) }
```

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

```
.background{ background-color: rgb(222,  
252, 251) }
```

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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