

Converting Colors

$Yxy(75.0716, 0.2691, 0.3582)$

Have a look what the booklet for
Yxy(75.0716, 0.2691, 0.3582)
contains.

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Color

Yxy(75.1829, 0.2692, 0.3590)

Conversions

Conversions Part 1

Format	Color
Hex	91F3DA
RGB	145, 243, 218
RGB Percent	57%, 95%, 85%
CMY	0.4315, 0.0470, 0.1451
CMYK	0.40, 0.00, 0.10, 0.05
HSL	165°, 80%, 76%
HSV	165°, 40%, 95%
XYZ	56.3767, 75.1829, 77.8635
YIQ	210.8480, -50.3830, -28.5510

Conversions

Conversions Part 2

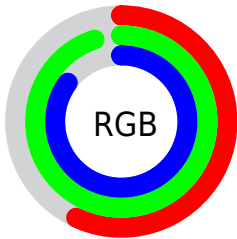
Format	Color
R _Y B	145, 201, 243
Decimal	9565146
CIE Lab	89.48, -34.54, 3.01
CIE LCh	89, 34.676, 175.020
Yxy	75.1829, 0.2692, 0.3590
Android (android.graphics.Color)	4287755226 (0xFF91F3DA)
YUV	210.8480, 3.5259, -57.7487
Hunter-Lab	86.7081, -35.6803, 7.4535

Details

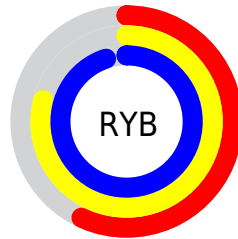
The Yxy color **75.1829, 0.2692, 0.3590** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **42.1988, 0.3886, 0.3018**, and the grayscale version is **65.0332, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4365, 0.2822, 0.3289**, and **39.8369, 0.2589, 0.3659** is the 20% darker color. If you saturate the color by 10%, you get **72.8914, 0.2612, 0.3679**, and if you desaturate by 10%, it is **77.9646, 0.2786, 0.3506**.

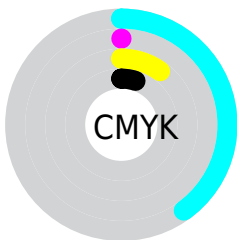
Distribution



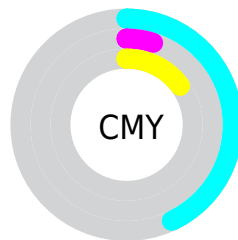
- Red (57%)
- Green (95%)
- Blue (85%)



- Red (57%)
- Yellow (79%)
- Blue (95%)



- Cyan (40%)
- Magenta (0%)
- Yellow (10%)
- Black (5%)





- Cyan (43%)
- Magenta (5%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.1829, 0.2692, 0.3590 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 75.1829, 0.2692, 0.3590 by changing the saturation by 10% instead.


 75.1829, 0.2692,
0.3590


 75.1829, 0.2692,
0.3590


478.5460, 0.2892,
0.3450

 55.7627, 0.2646,
0.3622


 126.5712, 0.2761,
0.3541

 40.0127, 0.2590,
0.3662

 159.3082, 0.2788,
0.3523

 27.5485, 0.2520,
0.3712


197.2529, 0.2812,
0.3506

 17.9856, 0.2428,
0.3779

240.7897, 0.2832,
0.3492

 10.9396, 0.2303,
0.3869

290.3030, 0.2850,
0.3480

 6.0263, 0.2126,
0.4001

346.1772, 0.2866,

 2.8610, 0.1855,

0.3469

0.4207

408.7968, 0.2880,
0.3459

■ 1.0596, 0.0718,
0.4938

■ 0.0000, 0.0000,
0.0000

■ 75.1829, 0.2692,
0.3590

■ 75.1829, 0.2692,
0.3590

■ 72.8914, 0.2612,
0.3679

■ 77.9646, 0.2786,
0.3506

■ 71.0506, 0.2549,
0.3772


■ 81.2554, 0.2891,
0.3428


■ 69.6295, 0.2504,
0.3867


■ 85.0838, 0.3005,
0.3357

■ 68.5890, 0.2480,
0.3964

■ 89.4739, 0.3123,
0.3292

 67.8826, 0.2475,
0.4060

 92.2071, 0.3169,
0.3232

 67.4439, 0.2487,
0.4152

 92.5877, 0.3133,
0.3175

Harmonies

Analogous

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



75.1829, 0.3068, 0.3918



75.1829, 0.2692, 0.3590



75.1829, 0.2441, 0.3184

Triad

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



75.1829, 0.2692, 0.3590



75.1829, 0.2750, 0.2630



75.1829, 0.3952, 0.3657

Complementary

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



75.1829, 0.2692, 0.3590



42.1988, 0.3886, 0.3018

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.



75.1829, 0.3862, 0.3325



75.1829, 0.2692, 0.3590



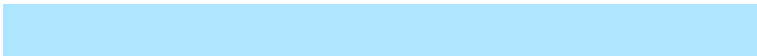
75.1829, 0.3144, 0.2758

Square

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



75.1829, 0.2692, 0.3590



75.1829, 0.2474, 0.2655



75.1829, 0.3558, 0.3005



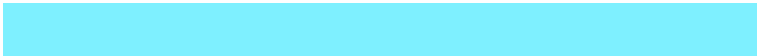
75.1829, 0.3805, 0.3924

Rectangle

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



75.1829, 0.2692, 0.3590



75.1829, 0.2370, 0.2944



75.1829, 0.3558, 0.3005



75.1829, 0.3949, 0.3549

Sweetspot

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



75.1859, 0.2692, 0.3590



94.1585, 0.2985, 0.3368



74.8214, 0.3229, 0.4476



20.0295, 0.2970, 0.3378



0.0000, 0.0000, 0.0000



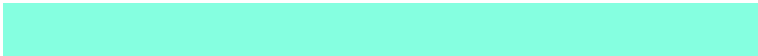
21.4041, 0.3127, 0.3290

Same Dimension

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



75.1859, 0.2692, 0.3590



81.8432, 0.2628, 0.3659



63.7451, 0.2528, 0.3014



18.6813, 0.3015, 0.3351



37.0349, 0.2482, 0.4137



3.2716, 0.2449, 0.4017

Inverse Universe

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



42.1988, 0.3886, 0.3018



40.6001, 0.4113, 0.2968



49.0474, 0.4050, 0.3544



16.5519, 0.3253, 0.3230



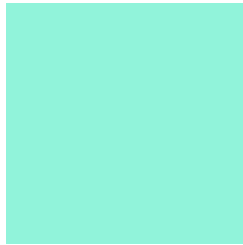
10.6672, 0.5915, 0.3032



0.9535, 0.5564, 0.2839

Previews

White Background



This preview shows how the Yxy color 75.1829, 0.2692, 0.3590 looks on a white background.

Color Contrast Check

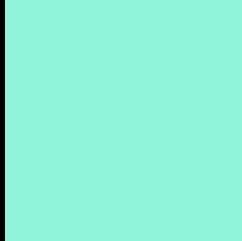
Large Text (above 18pt) WCAG AA × Fail

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 75.1829, 0.2692, 0.3590 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 75.1829, 0.2692, 0.3590

Background



This preview shows how black text looks on a background with the Yxy color 75.1829, 0.2692, 0.3590.

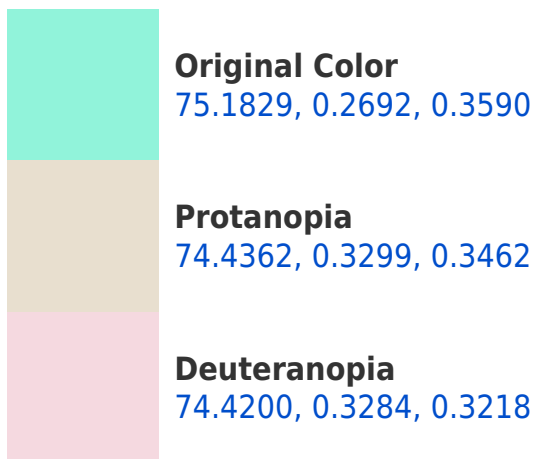


This preview shows how white text looks on a background with the Yxy color 75.1829, 0.2692, 0.3590.

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





Tritanopia

75.1593, 0.2571, 0.3085

Trichromacy



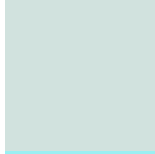
Original Color

75.1829, 0.2692, 0.3590



Protanomaly

73.5761, 0.3043, 0.3505



Deuteranomaly

73.2219, 0.3036, 0.3334



Tritanomaly

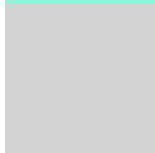
75.0138, 0.2612, 0.3254

Monochromacy



Original Color

75.1829, 0.2692, 0.3590



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

68.1952, 0.2938, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.1829, 0.2692, 0.3590 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(145, 243, 218)` looks like.

```
.text, #text, p{  
    color:rgb(145, 243, 218)  
}
```

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(145, 243, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 243, 218) }
```

Border

The CSS property to change the border of an element to Yxy 75.1829, 0.2692, 0.3590 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(145, 243, 218) }
```

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

```
.border{ border-color:rgb(145, 243, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 243, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 243, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 243, 218);  
box-shadow:4px 4px 4px 4px rgb(145, 243,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 75.1829, 0.2692, 0.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 243, 218) }
```

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

```
.background{ background-color: rgb(145,  
243, 218) }
```

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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