

Converting Colors

$Yxy(69.9448, 0.2555, 0.3762)$

Have a look what the booklet for
Yxy(69.9448, 0.2555, 0.3762)
contains.

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Color

Yxy(69.9150, 0.2552, 0.3755)

Conversions

Conversions Part 1

Format	Color
Hex	62F1CD
RGB	98, 241, 205
RGB Percent	38%, 95%, 80%
CMY	0.6155, 0.0549, 0.1960
CMYK	0.59, 0.00, 0.15, 0.05
HSL	165°, 84%, 66%
HSV	165°, 59%, 95%
XYZ	47.5161, 69.9150, 68.7606
YIQ	194.1390, -73.6720, -41.5120

Conversions

Conversions Part 2

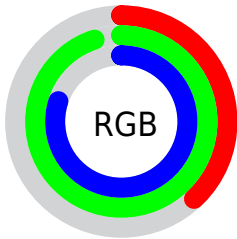
Format	Color
R _Y B	98, 180, 241
Decimal	6484429
CIE Lab	86.96, -46.94, 5.92
CIE LCh	87, 47.314, 172.813
Yxy	69.9150, 0.2552, 0.3755
Android (android.graphics.Color)	4284674509 (0xFF62F1CD)
YUV	194.1390, 5.3545, -84.3139
Hunter-Lab	83.6152, -44.8901, 9.7737

Details

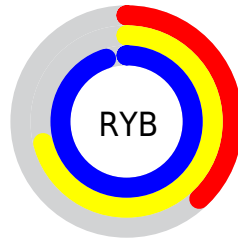
The Yxy color **69.9150, 0.2552, 0.3755** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **29.1645, 0.4498, 0.2918**, and the grayscale version is **54.0432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2136, 0.2605, 0.3288**, and **36.5412, 0.2412, 0.3869** is the 20% darker color. If you saturate the color by 10%, you get **68.4851, 0.2505, 0.3849**, and if you desaturate by 10%, it is **71.7653, 0.2618, 0.3664**.

Distribution



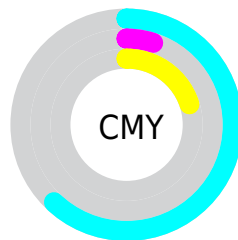
- Red (38%)
- Green (95%)
- Blue (80%)



- Red (38%)
- Yellow (71%)
- Blue (95%)



- Cyan (59%)
- Magenta (0%)
- Yellow (15%)
- Black (5%)





- Cyan (62%)
- Magenta (5%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.9150, 0.2552, 0.3755 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 69.9150, 0.2552, 0.3755 by changing the saturation by 10% instead.


 69.9150, 0.2552,
0.3755


 69.9150, 0.2552,
0.3755


460.2515, 0.2821,
0.3533


 51.4572, 0.2490,
0.3807


 119.0875, 0.2646,
0.3677

 36.5726, 0.2413,
0.3873


 150.5711, 0.2682,
0.3647

 24.8768, 0.2315,
0.3957


 187.1654, 0.2714,
0.3621

 15.9853, 0.2187,
0.4069

 229.2548, 0.2741,
0.3599

 9.5137, 0.2013,
0.4225

277.2237, 0.2765,
0.3579

 5.0778, 0.1762,
0.4458


331.4565, 0.2786,

 2.2930, 0.1350,


0.3562


0.4852


392.3377, 0.2804,
0.3547


 0.7700, 0.0000,
0.6446


 0.0000, 0.0000,
0.0000


 69.9150, 0.2552,
0.3755

 69.9150, 0.2552,
0.3755


 68.4851, 0.2505,
0.3849


 71.7653, 0.2618,
0.3664


 67.4296, 0.2478,
0.3944


 74.0605, 0.2700,
0.3577


 66.7068, 0.2472,
0.4039

 76.8332, 0.2795,
0.3495


 66.2472, 0.2482,
0.4132

 80.1102, 0.2902,
0.3419

 66.2198, 0.2483,
0.4139

 83.9166, 0.3016,
0.3349

 88.2757, 0.3135,
0.3286

 90.9151, 0.3179,
0.3228

 91.2966, 0.3142,
0.3170

 91.3902, 0.3133,
0.3156

Harmonies

Analogous

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



69.9150, 0.3071, 0.4218



69.9150, 0.2552, 0.3755



69.9150, 0.2206, 0.3165

Triad

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



69.9150, 0.2552, 0.3755



69.9150, 0.2569, 0.2393



69.9150, 0.4280, 0.3734

Complementary

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



69.9150, 0.2552, 0.3755



29.1645, 0.4498, 0.2918

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.



69.9150, 0.4136, 0.3285



69.9150, 0.2552, 0.3755



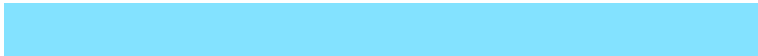
69.9150, 0.3098, 0.2552

Square

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



69.9150, 0.2552, 0.3755



69.9150, 0.2219, 0.2431



69.9150, 0.3686, 0.2868



69.9150, 0.4083, 0.4128

Rectangle

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



69.9150, 0.2552, 0.3755



69.9150, 0.2104, 0.2826



69.9150, 0.3686, 0.2868



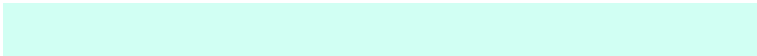
69.9150, 0.4271, 0.3585

Sweetspot

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



69.9177, 0.2552, 0.3755



91.5881, 0.2916, 0.3410



69.0404, 0.3236, 0.5097



19.3531, 0.2884, 0.3431



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.



69.9177, 0.2552, 0.3755



77.5990, 0.2499, 0.3867



53.8866, 0.2300, 0.2857



17.8570, 0.3014, 0.3350



35.9325, 0.2479, 0.4123



3.0051, 0.2444, 0.3999

Inverse Universe

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



29.1645, 0.4498, 0.2918



27.4952, 0.4953, 0.2895



35.9220, 0.4731, 0.3643



15.8241, 0.3254, 0.3231



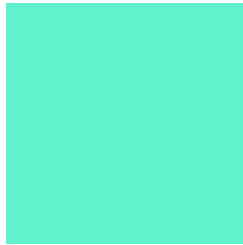
10.3399, 0.5924, 0.3037



0.8757, 0.5554, 0.2833

Previews

White Background



This preview shows how the Yxy color 69.9150, 0.2552, 0.3755 looks on a white background.

Color Contrast Check

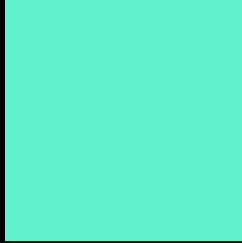
Large Text (above 18pt) WCAG AA × Fail

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 69.9150, 0.2552, 0.3755 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

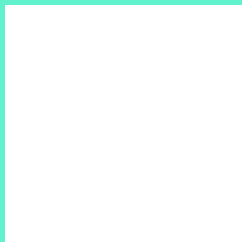
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 69.9150, 0.2552, 0.3755

Background



This preview shows how black text looks on a background with the Yxy color 69.9150, 0.2552, 0.3755.

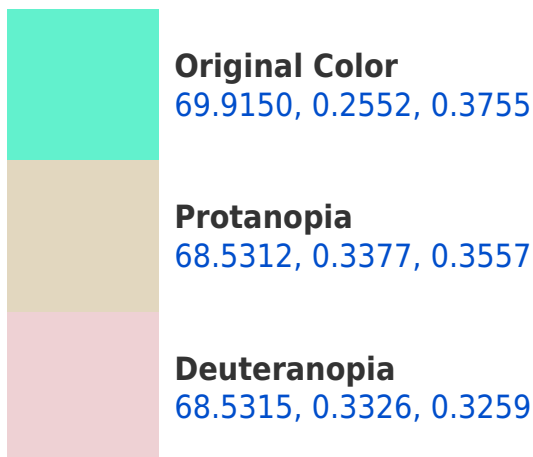


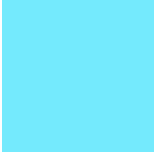
This preview shows how white text looks on a background with the Yxy color 69.9150, 0.2552, 0.3755.

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

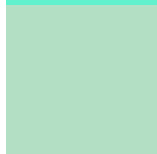
69.6505, 0.2389, 0.3061

Trichromacy



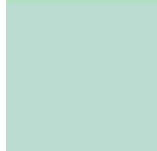
Original Color

69.9150, 0.2552, 0.3755



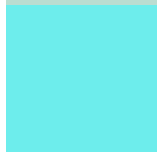
Protanomaly

66.8805, 0.2995, 0.3629



Deuteranomaly

66.8811, 0.2968, 0.3431



Tritanomaly

69.8757, 0.2443, 0.3300

Monochromacy



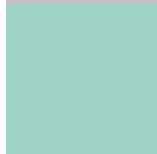
Original Color

69.9150, 0.2552, 0.3755



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

58.0367, 0.2846, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.9150, 0.2552, 0.3755 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(98, 241, 205)` looks like.

```
.text, #text, p{  
    color:rgb(98, 241, 205)  
}
```

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(98, 241, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 241, 205) }
```

Border

The CSS property to change the border of an element to Yxy 69.9150, 0.2552, 0.3755 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(98, 241, 205) }
```

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

```
.border{ border-color:rgb(98, 241, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 241, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 241, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 241, 205);  
box-shadow:4px 4px 4px 4px rgb(98, 241,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 69.9150, 0.2552, 0.3755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 241, 205) }
```

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

```
.background{ background-color: rgb(98, 241,  
205) }
```

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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