

Converting Colors

$Yxy(48.5404, 0.2291, 0.2492)$

Have a look what the booklet for
Yxy(48.5404, 0.2291, 0.2492)
contains.

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Color

Yxy(48.6192, 0.2293, 0.2494)

Conversions

Conversions Part 1

Format	Color
Hex	7ABFFF
RGB	122, 191, 255
RGB Percent	48%, 75%, 100%
CMY	0.5217, 0.2509, 0.0000
CMYK	0.52, 0.25, 0.00, 0.00
HSL	209°, 100%, 74%
HSV	209°, 52%, 100%
XYZ	44.7008, 48.6192, 101.6247
YIQ	177.6650, -61.6680, 5.2760

Conversions

Conversions Part 2

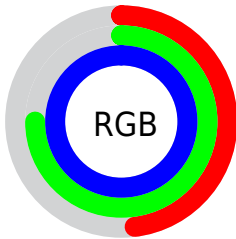
Format	Color
R_{YB}	122, 167, 255
Decimal	8044543
CIE _{Lab}	75.21, -4.33, -38.19
CIE _{LCh}	75, 38.433, 263.530
Yxy	48.6192, 0.2293, 0.2494
Android (android.graphics.Color)	4286234623 (0xFF7ABFFF)
YUV	177.6650, 38.1262, -48.8182
Hunter-Lab	69.7275, -7.5905, -37.6033

Details

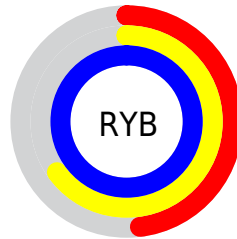
The Yxy color **48.6192, 0.2293, 0.2494** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **57.7550, 0.4257, 0.3947**, and the grayscale version is **44.1511, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5653, 0.2696, 0.3202**, and **23.1840, 0.2086, 0.2294** is the 20% darker color. If you saturate the color by 10%, you get **41.8708, 0.2148, 0.2307**, and if you desaturate by 10%, it is **56.3072, 0.2449, 0.2673**.

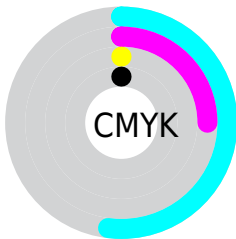
Distribution



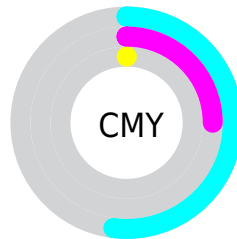
- Red (48%)
- Green (75%)
- Blue (100%)



- Red (48%)
- Yellow (65%)
- Blue (100%)



- Cyan (52%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)





- Cyan (52%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6192, 0.2293, 0.2494 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 48.6192, 0.2293, 0.2494 by changing the saturation by 10% instead.


 48.6192, 0.2293,
0.2494


 48.6192, 0.2293,
0.2494


381.2413, 0.2691,
0.2879


 34.3175, 0.2201,
0.2404


 88.1256, 0.2432,
0.2630

 23.1376, 0.2087,
0.2291


 114.0991, 0.2486,
0.2682

 14.6952, 0.1943,
0.2148


 144.7320, 0.2533,
0.2727

 8.6057, 0.1757,
0.1962

180.4087, 0.2573,
0.2765

 4.4849, 0.1512,
0.1713

221.5136, 0.2608,
0.2799

 1.9483, 0.1180,
0.1369

268.4311, 0.2639,

 0.5772, 0.0660,

0.2829

0.0860

321.5455, 0.2666,
0.2855

0.0000, 0.0000,
0.0000

48.6192, 0.2293,
0.2494

48.6192, 0.2293,
0.2494

41.8708, 0.2148,
0.2307

56.3072, 0.2449,
0.2673

36.0067, 0.2020,
0.2117

64.9748, 0.2611,
0.2841

30.9722, 0.1913,
0.1928

74.6657, 0.2775,
0.2996

26.7011, 0.1830,
0.1745

85.4188, 0.2937,
0.3138

23.8177, 0.1781,
0.1610

97.2709, 0.3094,
0.3264

99.9992, 0.3127,
0.3290

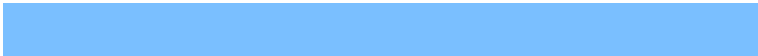
Harmonies

Analogous

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



48.6192, 0.2170, 0.2733



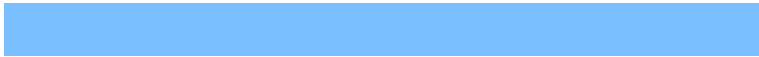
48.6192, 0.2293, 0.2494



48.6192, 0.2624, 0.2461

Triad

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



48.6192, 0.2293, 0.2494



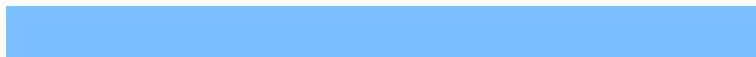
48.6192, 0.4058, 0.3301



48.6192, 0.3068, 0.4126

Complementary

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



48.6192, 0.2293, 0.2494



57.7550, 0.4257, 0.3947

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.



48.6192, 0.3586, 0.4251



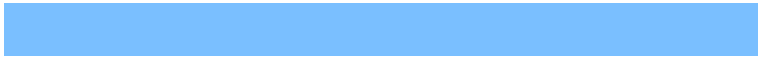
48.6192, 0.2293, 0.2494



48.6192, 0.4185, 0.3716

Square

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



48.6192, 0.2293, 0.2494



48.6192, 0.3653, 0.2910



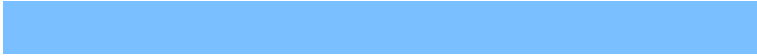
48.6192, 0.4001, 0.4074



48.6192, 0.2590, 0.3703

Rectangle

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



48.6192, 0.2293, 0.2494



48.6192, 0.2939, 0.2543



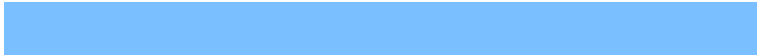
48.6192, 0.4001, 0.4074



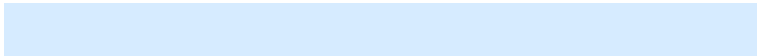
48.6192, 0.3243, 0.4206

Sweetspot

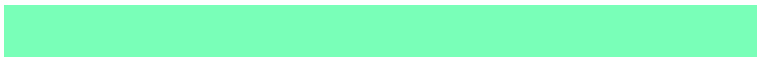
The Sweet Spot groups the original color and five complimentary colors.



48.6210, 0.2293, 0.2494



81.1794, 0.2875, 0.3085



79.1095, 0.2768, 0.4176



16.9013, 0.2842, 0.3056



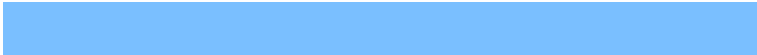
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



48.6210, 0.2293, 0.2494



41.3544, 0.2137, 0.2291



26.3784, 0.2127, 0.1671



18.9376, 0.2979, 0.3173



12.7475, 0.1788, 0.1638



1.4600, 0.1844, 0.1838

Inverse Universe

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



38.9303, 0.3832, 0.2590



32.5316, 0.4059, 0.2478



91.3775, 0.3909, 0.4516



18.1446, 0.3212, 0.3167



12.0148, 0.4883, 0.2464



1.1919, 0.4640, 0.2330

Previews

White Background



This preview shows how the Yxy color 48.6192, 0.2293, 0.2494 looks on a white background.

Color Contrast Check

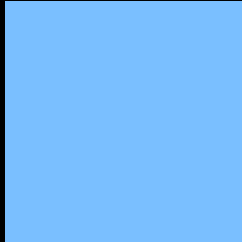
Large Text (above 18pt) WCAG AA × Fail

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 48.6192, 0.2293, 0.2494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

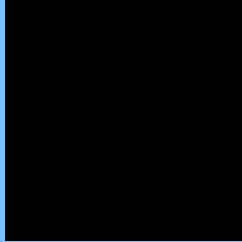
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

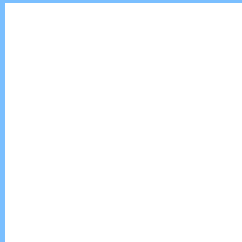
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.6192, 0.2293, 0.2494

Background



This preview shows how black text looks on a background with the Yxy color 48.6192, 0.2293, 0.2494.



This preview shows how white text looks on a background with the Yxy color 48.6192, 0.2293, 0.2494.

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

48.6192, 0.2293, 0.2494

Protanopia

48.3402, 0.2556, 0.2501

Deuteranopia

48.2530, 0.2486, 0.2424



Tritanopia

48.4314, 0.2440, 0.3068

Trichromacy



Original Color

48.6192, 0.2293, 0.2494

Protanomaly

48.1470, 0.2446, 0.2488

Deuteranomaly

48.1210, 0.2408, 0.2443

Tritanomaly

48.1981, 0.2381, 0.2836

Monochromacy



Original Color

48.6192, 0.2293, 0.2494

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

45.5923, 0.2761, 0.2985

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6192, 0.2293, 0.2494 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(122, 191, 255)` looks like.

```
.text, #text, p{  
    color:rgb(122, 191, 255)  
}
```

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(122, 191, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 191, 255) }
```

Border

The CSS property to change the border of an element to Yxy 48.6192, 0.2293, 0.2494 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(122, 191, 255) }
```

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

```
.border{ border-color:rgb(122, 191, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 191, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 191, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 191, 255);  
box-shadow:4px 4px 4px 4px rgb(122, 191,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6192, 0.2293, 0.2494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 191, 255) }
```

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

```
.background{ background-color: rgb(122,  
191, 255) }
```

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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