

Converting Colors

$Yxy(45.1644, 0.2489, 0.2904)$

Have a look what the booklet for
Yxy(45.1644, 0.2489, 0.2904)
contains.

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Color

Yxy(45.2094, 0.2487, 0.2906)

Conversions

Conversions Part 1

Format	Color
Hex	7CBCD8
RGB	124, 188, 216
RGB Percent	49%, 74%, 85%
CMY	0.5138, 0.2627, 0.1528
CMYK	0.43, 0.13, 0.00, 0.15
HSL	198°, 54%, 67%
HSV	198°, 43%, 85%
XYZ	38.6909, 45.2094, 71.6723
YIQ	172.0560, -47.1320, -4.8600

Conversions

Conversions Part 2

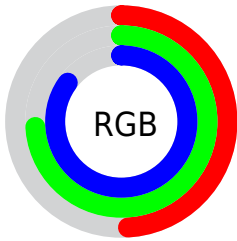
Format	Color
RYB	124, 162, 216
Decimal	8174808
CIELab	73.03, -13.19, -20.48
CIElCh	73, 24.357, 237.221
Yxy	45.2094, 0.2487, 0.2906
Android (android.graphics.Color)	4286364888 (0xFF7CBCD8)
YUV	172.0560, 21.6644, -42.1451
Hunter-Lab	67.2379, -14.9516, -16.1336

Details

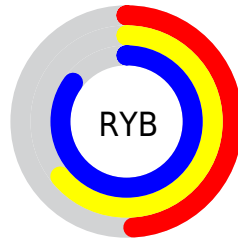
The Yxy color **45.2094, 0.2487, 0.2906** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **38.5183, 0.4077, 0.3636**, and the grayscale version is **41.1906, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6247, 0.2688, 0.3169**, and **21.1301, 0.2316, 0.2799** is the 20% darker color. If you saturate the color by 10%, you get **41.0275, 0.2355, 0.2798**, and if you desaturate by 10%, it is **49.8754, 0.2630, 0.3008**.

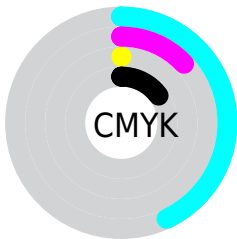
Distribution



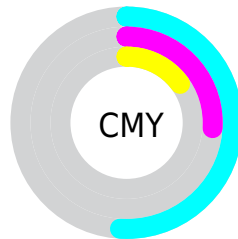
- Red (49%)
- Green (74%)
- Blue (85%)



- Red (49%)
- Yellow (64%)
- Blue (85%)



- Cyan (43%)
- Magenta (13%)
- Yellow (0%)
- Black (15%)



- Cyan (51%)
- Magenta (26%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.2094, 0.2487, 0.2906 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 45.2094, 0.2487, 0.2906 by changing the saturation by 10% instead.

■ 45.2094, 0.2487,
0.2906

■ 45.2094, 0.2487,
0.2906

■ 367.6210, 0.2801,
0.3103

■ 31.6224, 0.2411,
0.2856

■ 83.0345, 0.2599,
0.2978

■ 21.0732, 0.2316,
0.2791

■ 108.0415, 0.2642,
0.3005

■ 13.1776, 0.2191,
0.2705

■ 137.6238, 0.2678,
0.3028

■ 7.5509, 0.2024,
0.2583

■ 172.1660, 0.2709,
0.3047

■ 3.8090, 0.1788,
0.2404

■ 212.0525, 0.2737,
0.3064

■ 1.5673, 0.1440,
0.2115

■ 257.6675, 0.2761,

■ 0.3354, 0.0000,

0.3079

0.1400

309.3955, 0.2782,
0.3092

0.0000, 0.0000,
0.0000

45.2094, 0.2487,
0.2906

45.2094, 0.2487,
0.2906

41.0275, 0.2355,
0.2798

49.8754, 0.2630,
0.3008

37.2996, 0.2237,
0.2685

55.0430, 0.2780,
0.3104

33.9996, 0.2136,
0.2569

60.7352, 0.2933,
0.3191

31.0957, 0.2055,
0.2453

66.9718, 0.3087,
0.3271

28.5500, 0.1994,
0.2338

73.7711, 0.3239,
0.3342

■ 26.8525, 0.1960,
0.2254

■ 81.1510, 0.3388,
0.3406

■ 85.0924, 0.3388,
0.3470

■ 88.9087, 0.3378,
0.3534

■ 92.8656, 0.3369,
0.3597

Harmonies

Analogous

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



45.2094, 0.2541, 0.3183



45.2094, 0.2487, 0.2906



45.2094, 0.2591, 0.2751

Triad

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



45.2094, 0.2487, 0.2906



45.2094, 0.3509, 0.3070



45.2094, 0.3399, 0.3906

Complementary

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



45.2094, 0.2487, 0.2906



38.5183, 0.4077, 0.3636

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.



45.2094, 0.3678, 0.3834



45.2094, 0.2487, 0.2906



45.2094, 0.3749, 0.3345

Square

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



45.2094, 0.2487, 0.2906



45.2094, 0.3169, 0.2853



45.2094, 0.3810, 0.3623



45.2094, 0.3057, 0.3791

Rectangle

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



45.2094, 0.2487, 0.2906



45.2094, 0.2740, 0.2726



45.2094, 0.3810, 0.3623



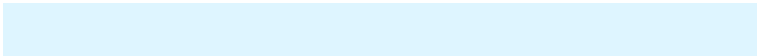
45.2094, 0.3503, 0.3902

Sweetspot

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



45.2111, 0.2487, 0.2906



87.9740, 0.2925, 0.3187



55.6648, 0.2908, 0.4204



18.4223, 0.2891, 0.3168



0.0000, 0.0000, 0.0000



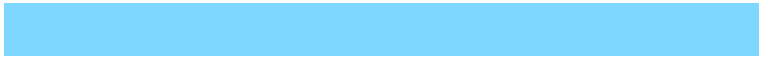
21.4041, 0.3127, 0.3290

Same Dimension

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



45.2111, 0.2487, 0.2906



60.3818, 0.2369, 0.2810



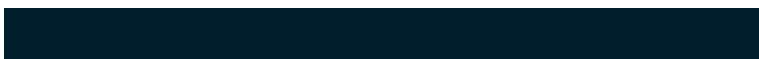
28.7066, 0.2377, 0.2241



13.4399, 0.2982, 0.3217



16.0874, 0.1964, 0.2271



1.1132, 0.2019, 0.2468

Inverse Universe

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



32.6458, 0.3464, 0.2535



40.8415, 0.3561, 0.2389



56.2733, 0.3842, 0.4152



12.5653, 0.3184, 0.3129



9.9689, 0.4156, 0.2063



0.6157, 0.3954, 0.1952

Previews

White Background



This preview shows how the Yxy color 45.2094, 0.2487, 0.2906 looks on a white background.

Color Contrast Check

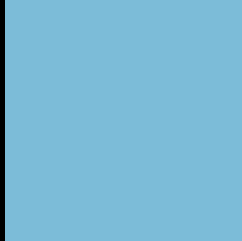
Large Text (above 18pt) WCAG AA × Fail

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 45.2094, 0.2487, 0.2906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

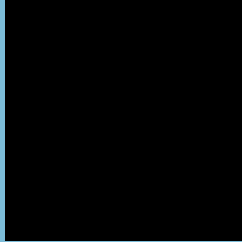
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.2094, 0.2487, 0.2906

Background



This preview shows how black text looks on a background with the Yxy color 45.2094, 0.2487, 0.2906.



This preview shows how white text looks on a background with the Yxy color 45.2094, 0.2487, 0.2906.

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

45.2094, 0.2487, 0.2906

Protanopia

44.8184, 0.2842, 0.2878

Deuteranopia

45.0045, 0.2801, 0.2739



Tritanopia

45.2996, 0.2536, 0.3078

Trichromacy



Original Color

45.2094, 0.2487, 0.2906

Protanomaly

44.7698, 0.2698, 0.2881

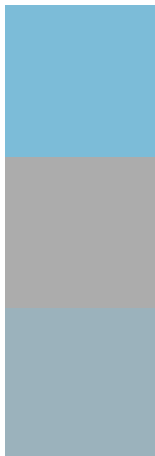
Deuteranomaly

44.8726, 0.2672, 0.2796

Tritanomaly

45.1362, 0.2517, 0.3011

Monochromacy



Original Color

45.2094, 0.2487, 0.2906

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.4402, 0.2859, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2094, 0.2487, 0.2906 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(124, 188, 216)` looks like.

```
.text, #text, p{  
    color:rgb(124, 188, 216)  
}
```

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(124, 188, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 188, 216) }
```

Border

The CSS property to change the border of an element to Yxy 45.2094, 0.2487, 0.2906 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(124, 188, 216) }
```

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

```
.border{ border-color:rgb(124, 188, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 188, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(124, 188, 216); -webkit-box-shadow:4px 4px 4px 4px rgb(124, 188, 216); box-shadow:4px 4px 4px 4px rgb(124, 188, 216) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2094, 0.2487, 0.2906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 188, 216) }
```

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

```
.background{ background-color: rgb(124,  
188, 216) }
```

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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