

Converting Colors

$Yxy(54.2578, 0.2365, 0.2787)$

Have a look what the booklet for
Yxy(54.2578, 0.2365, 0.2787)
contains.

Yxy(54.2483, 0.2365, 0.2786)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.2483, 0.2365, 0.2786)

Conversions

Conversions Part 1

Format	Color
Hex	78CDF5
RGB	120, 205, 245
RGB Percent	47%, 80%, 96%
CMY	0.5296, 0.1960, 0.0393
CMYK	0.51, 0.16, 0.00, 0.04
HSL	199°, 86%, 72%
HSV	199°, 51%, 96%
XYZ	46.0507, 54.2483, 94.4185
YIQ	184.1450, -63.5000, -5.5800

Conversions

Conversions Part 2

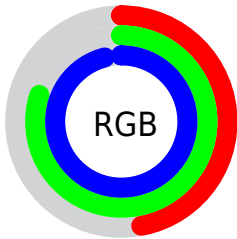
Format	Color
R _Y B	120, 171, 245
Decimal	7917045
CIE Lab	78.61, -15.08, -27.61
CIE LCh	79, 31.455, 241.356
Yxy	54.2483, 0.2365, 0.2786
Android (android.graphics.Color)	4286107125 (0xFF78CDF5)
YUV	184.1450, 30.0015, -56.2552
Hunter-Lab	73.6534, -17.2891, -24.4482

Details

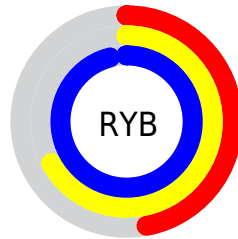
The Yxy color **54.2483, 0.2365, 0.2786** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **45.8788, 0.4348, 0.3722**, and the grayscale version is **47.8686, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3237, 0.2696, 0.3289**, and **26.7069, 0.2181, 0.2648** is the 20% darker color. If you saturate the color by 10%, you get **49.0640, 0.2242, 0.2667**, and if you desaturate by 10%, it is **60.0722, 0.2502, 0.2900**.

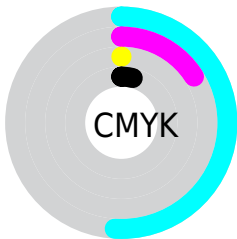
Distribution



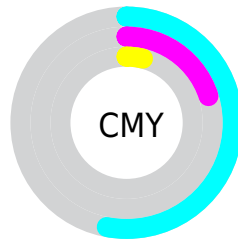
- Red (47%)
- Green (80%)
- Blue (96%)



- Red (47%)
- Yellow (67%)
- Blue (96%)



- Cyan (51%)
- Magenta (16%)
- Yellow (0%)
- Black (4%)



- Cyan (53%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2483, 0.2365, 0.2786 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 54.2483, 0.2365, 0.2786 by changing the saturation by 10% instead.

■ 54.2483, 0.2365,
0.2786

■ 54.2483, 0.2365,
0.2786

■ 403.0561, 0.2724,
0.3035

■ 38.8002, 0.2282,
0.2726

■ 96.4387, 0.2490,
0.2875

■ 26.6043, 0.2181,
0.2650

■ 123.9498, 0.2539,
0.2909

■ 17.2763, 0.2052,
0.2551

■ 156.2508, 0.2580,
0.2938

■ 10.4317, 0.1885,
0.2419

■ 193.7259, 0.2617,
0.2963

■ 5.6861, 0.1662,
0.2234

■ 236.7596, 0.2648,
0.2984

■ 2.6552, 0.1354,
0.1962

■ 285.7363, 0.2676,

■ 0.9545, 0.0872,

0.3003

0.1548

341.0403, 0.2701,
0.3020

0.0000, 0.0000,
0.0000

54.2483, 0.2365,
0.2786

54.2483, 0.2365,
0.2786

49.0640, 0.2242,
0.2667

60.0722, 0.2502,
0.2900

44.4755, 0.2136,
0.2544

66.5634, 0.2648,
0.3008

40.4421, 0.2050,
0.2421

73.7550, 0.2801,
0.3108

36.9130, 0.1985,
0.2298

81.6757, 0.2956,
0.3199

34.1080, 0.1942,
0.2190

90.3525, 0.3111,
0.3282

97.4755, 0.3187,
0.3358

99.3718, 0.3185,
0.3386

Harmonies

Analogous

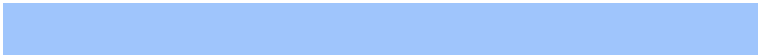
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



54.2483, 0.2402, 0.3100



54.2483, 0.2365, 0.2786



54.2483, 0.2513, 0.2629

Triad

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



54.2483, 0.2365, 0.2786



54.2483, 0.3641, 0.3066



54.2483, 0.3396, 0.4040

Complementary

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



54.2483, 0.2365, 0.2786



45.8788, 0.4348, 0.3722

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.



54.2483, 0.3754, 0.3971



54.2483, 0.2365, 0.2786



54.2483, 0.3910, 0.3397

Square

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



54.2483, 0.2365, 0.2786



54.2483, 0.3235, 0.2796



54.2483, 0.3949, 0.3726



54.2483, 0.2981, 0.3870

Rectangle

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



54.2483, 0.2365, 0.2786



54.2483, 0.2704, 0.2618



54.2483, 0.3949, 0.3726



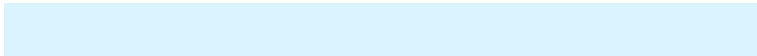
54.2483, 0.3527, 0.4042

Sweetspot

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



54.2503, 0.2365, 0.2786



85.8983, 0.2894, 0.3164



71.8083, 0.2865, 0.4407



17.9937, 0.2861, 0.3144



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.



54.2503, 0.2365, 0.2786



53.6916, 0.2241, 0.2666



30.1873, 0.2200, 0.1952



17.8122, 0.2980, 0.3213



18.6377, 0.1947, 0.2210



1.8230, 0.1989, 0.2361

Inverse Universe

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



37.2388, 0.3581, 0.2408



34.6902, 0.3709, 0.2266



73.0409, 0.3986, 0.4334



16.6729, 0.3187, 0.3130



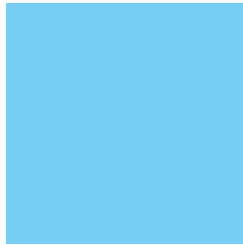
11.9809, 0.4222, 0.2099



1.0717, 0.4063, 0.2012

Previews

White Background



This preview shows how the Yxy color 54.2483, 0.2365, 0.2786 looks on a white background.

Color Contrast Check

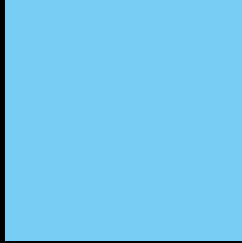
Large Text (above 18pt) WCAG AA × Fail

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 54.2483, 0.2365, 0.2786 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

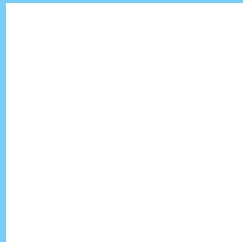
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.2483, 0.2365, 0.2786

Background



This preview shows how black text looks on a background with the Yxy color 54.2483, 0.2365, 0.2786.



This preview shows how white text looks on a background with the Yxy color 54.2483, 0.2365, 0.2786.

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

54.2483, 0.2365, 0.2786

Protanopia

53.9457, 0.2762, 0.2772

Deuteranopia

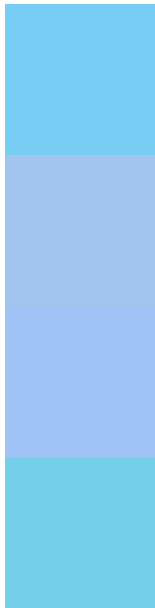
53.6715, 0.2680, 0.2620



Tritanopia

54.0587, 0.2435, 0.3064

Trichromacy



Original Color

54.2483, 0.2365, 0.2786

Protanomaly

53.7416, 0.2598, 0.2779

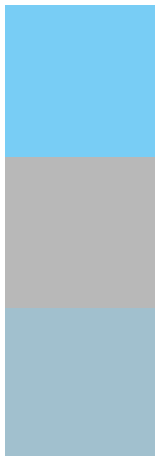
Deuteranomaly

53.2192, 0.2545, 0.2666

Tritanomaly

54.1648, 0.2412, 0.2964

Monochromacy



Original Color

54.2483, 0.2365, 0.2786

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.7326, 0.2792, 0.3107

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.2483, 0.2365, 0.2786 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(120, 205, 245)` looks like.

```
.text, #text, p{  
    color:rgb(120, 205, 245)  
}
```

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(120, 205, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 205, 245) }
```

Border

The CSS property to change the border of an element to Yxy 54.2483, 0.2365, 0.2786 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(120, 205, 245) }
```

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

```
.border{ border-color:rgb(120, 205, 245) }
```

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

Here you see how a box with a 4 pixel rgb(120, 205, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 205, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 205, 245);  
box-shadow:4px 4px 4px 4px rgb(120, 205,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 54.2483, 0.2365, 0.2786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 205, 245) }
```

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

```
.background{ background-color: rgb(120,  
205, 245) }
```

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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