

Converting Colors

$Yxy(52.1534, 0.2334, 0.3024)$

Have a look what the booklet for
Yxy(52.1534, 0.2334, 0.3024)
contains.

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Color

Yxy(52.3408, 0.2338, 0.3032)

Conversions

Conversions Part 1

Format	Color
Hex	5BCFE2
RGB	91, 207, 226
RGB Percent	36%, 81%, 89%
CMY	0.6428, 0.1883, 0.1137
CMYK	0.60, 0.08, 0.00, 0.11
HSL	188°, 70%, 62%
HSV	188°, 60%, 89%
XYZ	40.3604, 52.3408, 79.9267
YIQ	174.4820, -75.2350, -18.6830

Conversions

Conversions Part 2

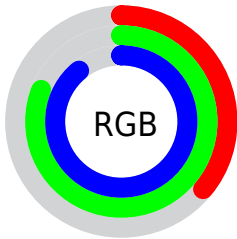
Format	Color
R_{YB}	91, 153, 226
Decimal	6016994
CIE _{Lab}	77.48, -27.13, -19.24
CIE _{LCh}	77, 33.260, 215.335
Yxy	52.3408, 0.2338, 0.3032
Android (android.graphics.Color)	4284207074 (0xFF5BCFE2)
YUV	174.4820, 25.3984, -73.2137
Hunter-Lab	72.3469, -27.0268, -14.8590

Details

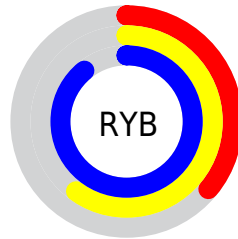
The Yxy color **52.3408, 0.2338, 0.3032** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **28.0974, 0.4841, 0.3502**, and the grayscale version is **42.4960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.5123, 0.2574, 0.3288**, and **25.3967, 0.2150, 0.2939** is the 20% darker color. If you saturate the color by 10%, you get **49.8336, 0.2256, 0.2982**, and if you desaturate by 10%, it is **55.2289, 0.2439, 0.3081**.

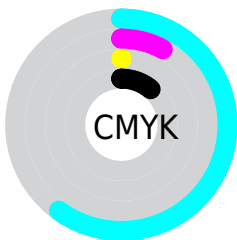
Distribution



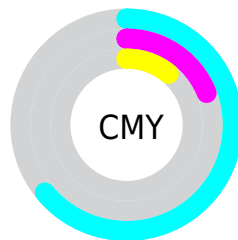
- Red (36%)
- Green (81%)
- Blue (89%)



- Red (36%)
- Yellow (60%)
- Blue (89%)



- Cyan (60%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)





- Cyan (64%)
- Magenta (19%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.3408, 0.2338, 0.3032 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 52.3408, 0.2338, 0.3032 by changing the saturation by 10% instead.


 52.3408, 0.2338,
0.3032


 52.3408, 0.2338,
0.3032


395.7509, 0.2712,
0.3169


 37.2768, 0.2251,
0.2996


 93.6337, 0.2469,
0.3083

 25.4219, 0.2143,
0.2949


 120.6313, 0.2520,
0.3102

 16.3916, 0.2006,
0.2886


 152.3756, 0.2563,
0.3118

 9.8017, 0.1826,
0.2797

 189.2509, 0.2601,
0.3131

 5.2677, 0.1583,
0.2663

231.6418, 0.2634,
0.3142

 2.4052, 0.1245,
0.2446

279.9324, 0.2663,

 0.8285, 0.0325,

0.3152

0.2150

334.5073, 0.2689,
0.3161

0.0000, 0.0000,
0.0000

52.3408, 0.2338,
0.3032

52.3408, 0.2338,
0.3032

49.8336, 0.2256,
0.2982

55.2289, 0.2439,
0.3081

47.6690, 0.2193,
0.2932

58.5203, 0.2556,
0.3128

45.8109, 0.2149,
0.2882

62.2424, 0.2687,
0.3174

44.1948, 0.2121,
0.2833

66.4185, 0.2829,
0.3216

44.1474, 0.2120,
0.2831

71.0699, 0.2978,
0.3255

■ 76.2167, 0.3132,
0.3291

■ 81.8779, 0.3288,
0.3324

■ 84.7264, 0.3324,
0.3355

■ 86.5399, 0.3320,
0.3386

Harmonies

Analogous

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



52.3408, 0.2545, 0.3463



52.3408, 0.2338, 0.3032



52.3408, 0.2326, 0.2718

Triad

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



52.3408, 0.2338, 0.3032



52.3408, 0.3302, 0.2797



52.3408, 0.3753, 0.4041

Complementary

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



52.3408, 0.2338, 0.3032



28.0974, 0.4841, 0.3502

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.



52.3408, 0.3991, 0.3794



52.3408, 0.2338, 0.3032



52.3408, 0.3727, 0.3094

Square

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



52.3408, 0.2338, 0.3032



52.3408, 0.2855, 0.2611



52.3408, 0.3986, 0.3449



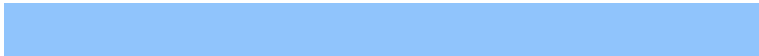
52.3408, 0.3354, 0.4087

Rectangle

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



52.3408, 0.2338, 0.3032



52.3408, 0.2426, 0.2604



52.3408, 0.3986, 0.3449



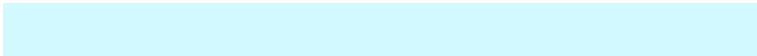
52.3408, 0.3855, 0.3975

Sweetspot

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



52.3428, 0.2338, 0.3032



88.2535, 0.2852, 0.3222



57.7275, 0.2960, 0.4984



18.5258, 0.2809, 0.3210



0.0000, 0.0000, 0.0000



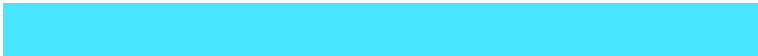
21.4041, 0.3127, 0.3290

Same Dimension

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



52.3428, 0.2338, 0.3032



64.6885, 0.2236, 0.2968



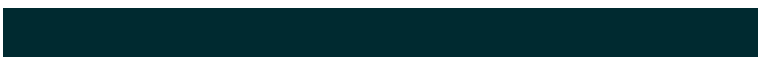
26.6383, 0.2120, 0.2052



15.2259, 0.2982, 0.3256



25.3184, 0.2122, 0.2839



1.8466, 0.2143, 0.2915

Inverse Universe

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



28.1705, 0.3396, 0.2063



31.4822, 0.3466, 0.1892



48.1855, 0.4299, 0.4237



13.9007, 0.3159, 0.3091



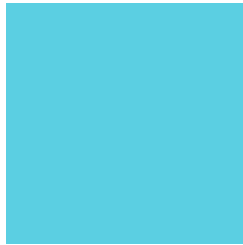
11.4640, 0.3599, 0.1756



0.8039, 0.3530, 0.1718

Previews

White Background



This preview shows how the Yxy color 52.3408, 0.2338, 0.3032 looks on a white background.

Color Contrast Check

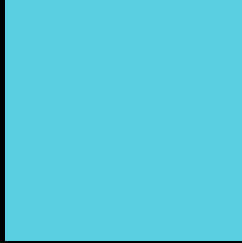
Large Text (above 18pt) WCAG AA × Fail

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 52.3408, 0.2338, 0.3032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

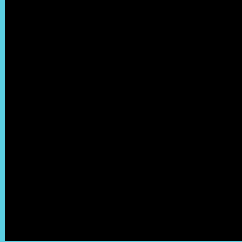
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3408, 0.2338, 0.3032

Background



This preview shows how black text looks on a background with the Yxy color 52.3408, 0.2338, 0.3032.

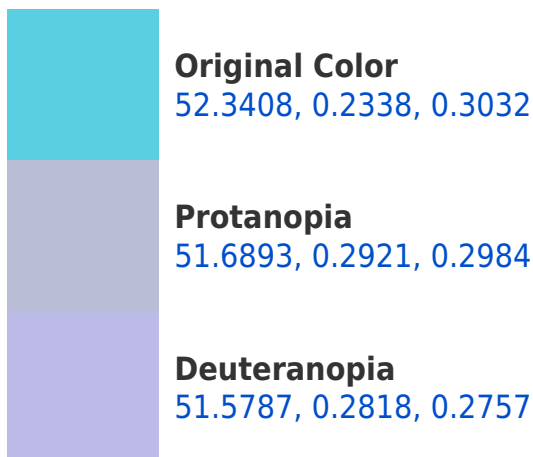


This preview shows how white text looks on a background with the Yxy color 52.3408, 0.2338, 0.3032.

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

52.1811, 0.2343, 0.3058

Trichromacy



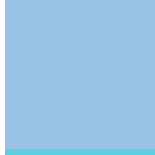
Original Color

52.3408, 0.2338, 0.3032



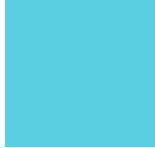
Protanomaly

51.1211, 0.2655, 0.3005



Deuteranomaly

51.0130, 0.2600, 0.2848



Tritanomaly

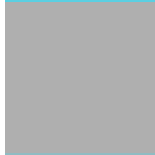
52.2355, 0.2339, 0.3045

Monochromacy



Original Color

52.3408, 0.2338, 0.3032



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

45.3650, 0.2745, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3408, 0.2338, 0.3032 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(91, 207, 226)` looks like.

```
.text, #text, p{  
    color:rgb(91, 207, 226)  
}
```

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(91, 207, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 207, 226) }
```

Border

The CSS property to change the border of an element to Yxy 52.3408, 0.2338, 0.3032 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(91, 207, 226) }
```

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

```
.border{ border-color:rgb(91, 207, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 207, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 207, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 207, 226);  
box-shadow:4px 4px 4px 4px rgb(91, 207,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3408, 0.2338, 0.3032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 207, 226) }
```

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

```
.background{ background-color: rgb(91, 207,  
226) }
```

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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