

Converting Colors

Yxy(53.3534, 0.2500, 0.3006)

Have a look what the booklet for
Yxy(53.3534, 0.2500, 0.3006)
contains.

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Color

Yxy(53.3438, 0.2498, 0.3003)

Conversions

Conversions Part 1

Format	Color
Hex	81CCE2
RGB	129, 204, 226
RGB Percent	51%, 80%, 89%
CMY	0.4942, 0.2000, 0.1137
CMYK	0.43, 0.10, 0.00, 0.11
HSL	194°, 63%, 70%
HSV	194°, 43%, 89%
XYZ	44.3732, 53.3438, 79.9180
YIQ	184.0830, -51.7620, -9.0580

Conversions

Conversions Part 2

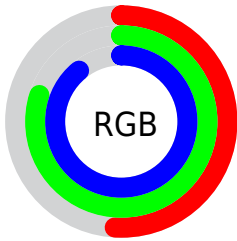
Format	Color
RYB	129, 171, 226
Decimal	8506594
CIELab	78.08, -17.63, -18.21
CIElCh	78, 25.341, 225.927
Yxy	53.3438, 0.2498, 0.3003
Android (android.graphics.Color)	4286696674 (0xFF81CCE2)
YUV	184.0830, 20.6651, -48.3078
Hunter-Lab	73.0368, -19.3675, -13.7502

Details

The Yxy color **53.3438, 0.2498, 0.3003** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **39.8884, 0.4131, 0.3552**, and the grayscale version is **47.8861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1791, 0.2731, 0.3289**, and **26.1307, 0.2338, 0.2919** is the 20% darker color. If you saturate the color by 10%, you get **49.3702, 0.2376, 0.2924**, and if you desaturate by 10%, it is **57.7931, 0.2633, 0.3078**.

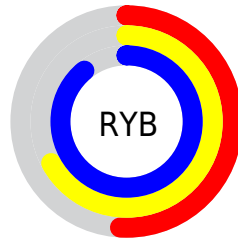
Distribution



Red (51%)

Green (80%)

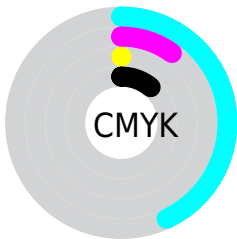
Blue (89%)



Red (51%)

Yellow (67%)

Blue (89%)

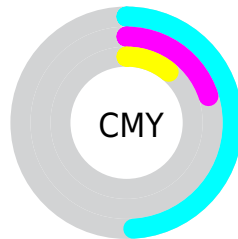


Cyan (43%)

Magenta (10%)

Yellow (0%)

Black (11%)



Cyan (49%)


Magenta (20%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3438, 0.2498, 0.3003 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 53.3438, 0.2498, 0.3003 by changing the saturation by 10% instead.


 53.3438, 0.2498,
0.3003

 53.3438, 0.2498,
0.3003


399.6027, 0.2798,
0.3149


 38.0773, 0.2428,
0.2966


 95.1101, 0.2604,
0.3056

 26.0427, 0.2340,
0.2919


 122.3786, 0.2644,
0.3076

 16.8556, 0.2228,
0.2857


 154.4167, 0.2679,
0.3093

 10.1316, 0.2080,
0.2770

191.6086, 0.2709,
0.3107

 5.4863, 0.1876,
0.2643

234.3387, 0.2736,
0.3120

 2.5353, 0.1582,
0.2442

282.9916, 0.2759,

 0.8943, 0.0996,

0.3131

0.2123

337.9514, 0.2779,
0.3140

0.0000, 0.0000,
0.0000

53.3438, 0.2498,
0.3003

53.3438, 0.2498,
0.3003

49.3702, 0.2376,
0.2924

57.7931, 0.2633,
0.3078

45.8393, 0.2269,
0.2841

62.7365, 0.2778,
0.3149

42.7232, 0.2180,
0.2758

68.1985, 0.2928,
0.3214

39.9872, 0.2112,
0.2673

74.2001, 0.3082,
0.3274

37.5899, 0.2062,
0.2589

80.7612, 0.3236,
0.3327

■ 36.0522, 0.2036,
0.2531

■ 86.0345, 0.3321,
0.3377

■ 89.0089, 0.3315,
0.3427

■ 92.0686, 0.3309,
0.3477

■ 95.2142, 0.3303,
0.3526

Harmonies

Analogous

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



53.3438, 0.2610, 0.3307



53.3438, 0.2498, 0.3003



53.3438, 0.2543, 0.2801

Triad

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



53.3438, 0.2498, 0.3003



53.3438, 0.3383, 0.2984



53.3438, 0.3511, 0.3890

Complementary

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



53.3438, 0.2498, 0.3003



39.8884, 0.4131, 0.3552

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.



53.3438, 0.3739, 0.3760



53.3438, 0.2498, 0.3003



53.3438, 0.3668, 0.3239

Square

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



53.3438, 0.2498, 0.3003



53.3438, 0.3039, 0.2803



53.3438, 0.3800, 0.3519



53.3438, 0.3186, 0.3847

Rectangle

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



53.3438, 0.2498, 0.3003



53.3438, 0.2656, 0.2741



53.3438, 0.3800, 0.3519



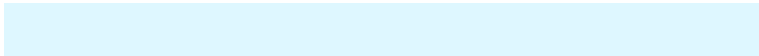
53.3438, 0.3602, 0.3864

Sweetspot

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



53.3459, 0.2498, 0.3003



89.5415, 0.2926, 0.3213



61.2688, 0.2951, 0.4330



18.8117, 0.2892, 0.3199



0.0000, 0.0000, 0.0000



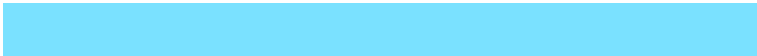
21.4041, 0.3127, 0.3290

Same Dimension

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



53.3459, 0.2498, 0.3003



65.1944, 0.2382, 0.2928



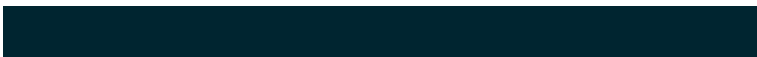
34.0962, 0.2387, 0.2342



15.0174, 0.2982, 0.3236



20.7514, 0.2040, 0.2544



1.5690, 0.2076, 0.2672

Inverse Universe

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



36.2285, 0.3390, 0.2451



40.7094, 0.3467, 0.2283



58.3835, 0.3888, 0.4079



13.8796, 0.3172, 0.3111



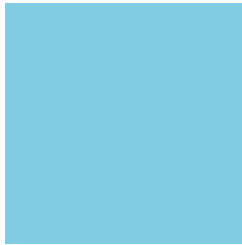
11.0029, 0.3879, 0.1910



0.7759, 0.3755, 0.1842

Previews

White Background



This preview shows how the Yxy color 53.3438, 0.2498, 0.3003 looks on a white background.

Color Contrast Check

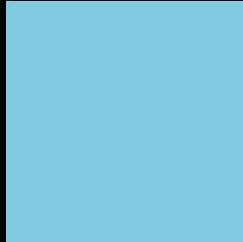
Large Text (above 18pt) WCAG AA × Fail

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 53.3438, 0.2498, 0.3003 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 53.3438, 0.2498, 0.3003

Background



This preview shows how black text looks on a background with the Yxy color 53.3438, 0.2498, 0.3003.



This preview shows how white text looks on a background with the Yxy color 53.3438, 0.2498, 0.3003.

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

53.3438, 0.2498, 0.3003

Protanopia

52.9627, 0.2916, 0.2976

Deuteranopia

52.9610, 0.2870, 0.2808



Tritanopia

53.4723, 0.2521, 0.3079

Trichromacy



Original Color

53.3438, 0.2498, 0.3003

Protanomaly

52.8627, 0.2748, 0.2990

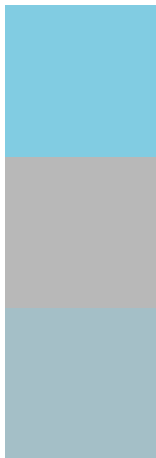
Deuteranomaly

52.7311, 0.2717, 0.2873

Tritanomaly

53.5796, 0.2511, 0.3054

Monochromacy



Original Color

53.3438, 0.2498, 0.3003

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

49.2776, 0.2860, 0.3185

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3438, 0.2498, 0.3003 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(129, 204, 226)` looks like.

```
.text, #text, p{  
    color:rgb(129, 204, 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(129, 204, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 204, 226) }
```

Border

The CSS property to change the border of an element to Yxy 53.3438, 0.2498, 0.3003 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(129, 204, 226) }
```

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

```
.border{ border-color:rgb(129, 204, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 204, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 204, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 204, 226); box-shadow:4px 4px 4px 4px rgb(129, 204, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3438, 0.2498, 0.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 204, 226) }
```

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

```
.background{ background-color: rgb(129,  
204, 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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