

Converting Colors

$Yxy(43.6484, 0.2543, 0.3069)$

Have a look what the booklet for
Yxy(43.6484, 0.2543, 0.3069)
contains.

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Color

Yxy(43.8699, 0.2546, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	79BBCA
RGB	121, 187, 202
RGB Percent	47%, 73%, 79%
CMY	0.5257, 0.2666, 0.2078
CMYK	0.40, 0.07, 0.00, 0.21
HSL	191°, 43%, 63%
HSV	191°, 40%, 79%
XYZ	36.3110, 43.8699, 62.4390
YIQ	168.9760, -44.1510, -9.3270

Conversions

Conversions Part 2

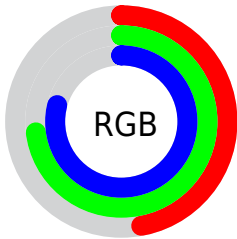
Format	Color
RYB	121, 157, 202
Decimal	7977930
CIELab	72.14, -17.12, -14.19
CIELCh	72, 22.236, 219.663
Yxy	43.8699, 0.2546, 0.3076
Android (android.graphics.Color)	4286168010 (0xFF79BBCA)
YUV	168.9760, 16.2808, -42.0750
Hunter-Lab	66.2344, -18.0527, -9.5285

Details

The Yxy color **43.8699, 0.2546, 0.3076** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.5302, 0.4051, 0.3489**, and the grayscale version is **39.5932, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.6683, 0.2671, 0.3157**, and **20.3466, 0.2386, 0.3012** is the 20% darker color. If you saturate the color by 10%, you get **40.9969, 0.2425, 0.3013**, and if you desaturate by 10%, it is **47.0931, 0.2680, 0.3135**.

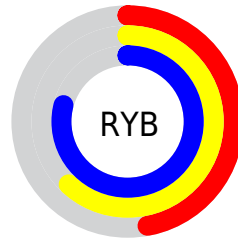
Distribution



Red (47%)

Green (73%)

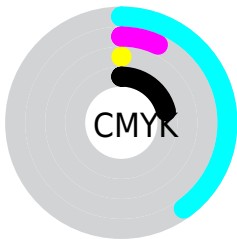
Blue (79%)



Red (47%)

Yellow (62%)

Blue (79%)

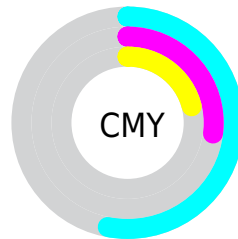


Cyan (40%)

Magenta (7%)

Yellow (0%)

Black (21%)



Cyan (53%)

Magenta (27%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.8699, 0.2546, 0.3076 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 43.8699, 0.2546, 0.3076 by changing the saturation by 10% instead.

■ 43.8699, 0.2546,
0.3076

■ 43.8699, 0.2546,
0.3076

■ 362.1771, 0.2833,
0.3190

■ 30.5682, 0.2476,
0.3046

■ 81.0219, 0.2650,
0.3119

■ 20.2703, 0.2386,
0.3006

■ 105.6411, 0.2689,
0.3134

■ 12.5917, 0.2269,
0.2951

■ 134.8016, 0.2722,
0.3147

■ 7.1480, 0.2108,
0.2872

■ 168.8877, 0.2750,
0.3158

■ 3.5548, 0.1877,
0.2747

■ 208.2840, 0.2775,
0.3168

■ 1.4278, 0.1523,
0.2530

■ 253.3747, 0.2797,

■ 0.2371, 0.0000,

0.3176

0.1563

304.5443, 0.2816,
0.3183

0.0000, 0.0000,
0.0000

43.8699, 0.2546,
0.3076

43.8699, 0.2546,
0.3076

40.9969, 0.2425,
0.3013

47.0931, 0.2680,
0.3135

38.4495, 0.2319,
0.2948

50.6794, 0.2823,
0.3191

36.2076, 0.2231,
0.2882

54.6468, 0.2972,
0.3242

34.2466, 0.2162,
0.2815

59.0110, 0.3125,
0.3289

32.5372, 0.2113,
0.2748

63.7863, 0.3279,
0.3332

■ 31.0429, 0.2079,
0.2683

■ 68.9866, 0.3431,
0.3370

■ 73.2037, 0.3523,
0.3405

■ 75.1081, 0.3516,
0.3443

■ 77.0561, 0.3508,
0.3481

Harmonies

Analogous

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



43.8699, 0.2681, 0.3371



43.8699, 0.2546, 0.3076



43.8699, 0.2557, 0.2861

Triad

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



43.8699, 0.2546, 0.3076



43.8699, 0.3302, 0.2959



43.8699, 0.3542, 0.3839

Complementary

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



43.8699, 0.2546, 0.3076



31.5302, 0.4051, 0.3489

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.



43.8699, 0.3727, 0.3691



43.8699, 0.2546, 0.3076



43.8699, 0.3587, 0.3190

Square

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



43.8699, 0.2546, 0.3076



43.8699, 0.2980, 0.2808



43.8699, 0.3746, 0.3453



43.8699, 0.3250, 0.3833

Rectangle

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



43.8699, 0.2546, 0.3076



43.8699, 0.2645, 0.2786



43.8699, 0.3746, 0.3453



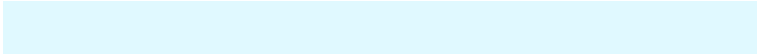
43.8699, 0.3619, 0.3804

Sweetspot

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



43.8716, 0.2546, 0.3076



91.0916, 0.2942, 0.3232



48.0805, 0.2978, 0.4283



19.3027, 0.2922, 0.3226



0.0000, 0.0000, 0.0000



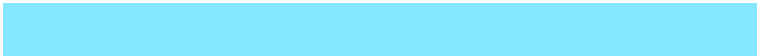
21.4041, 0.3127, 0.3290

Same Dimension

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



43.8716, 0.2546, 0.3076



70.0849, 0.2442, 0.3023



29.0737, 0.2451, 0.2465



12.3603, 0.2983, 0.3246



20.0940, 0.2081, 0.2692



1.1305, 0.2117, 0.2821

Inverse Universe

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



29.8077, 0.3329, 0.2471



43.7719, 0.3385, 0.2308



45.1223, 0.3840, 0.3993



11.3667, 0.3165, 0.3103



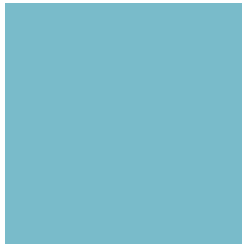
9.8315, 0.3736, 0.1832



0.5167, 0.3615, 0.1765

Previews

White Background



This preview shows how the Yxy color 43.8699, 0.2546, 0.3076 looks on a white background.

Color Contrast Check

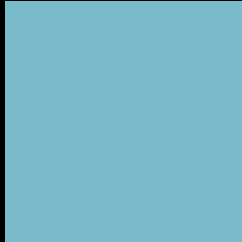
Large Text (above 18pt) WCAG AA × Fail

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 43.8699, 0.2546, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

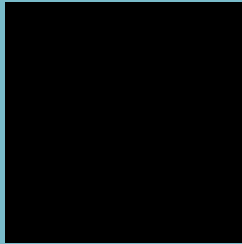
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8699, 0.2546, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 43.8699, 0.2546, 0.3076.



This preview shows how white text looks on a background with the Yxy color 43.8699, 0.2546, 0.3076.

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

43.8699, 0.2546, 0.3076

Protanopia

43.5537, 0.2968, 0.3040

Deuteranopia

43.4965, 0.2925, 0.2868



Tritanopia

43.8699, 0.2546, 0.3076

Trichromacy



Original Color

43.8699, 0.2546, 0.3076

Protanomaly

43.2400, 0.2796, 0.3044

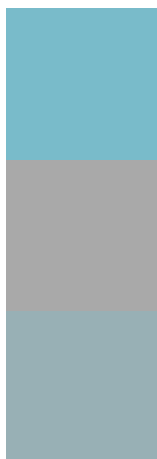
Deuteranomaly

43.0730, 0.2769, 0.2928

Tritanomaly

43.8699, 0.2546, 0.3076

Monochromacy



Original Color

43.8699, 0.2546, 0.3076

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

41.0623, 0.2886, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8699, 0.2546, 0.3076 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(121, 187, 202)` looks like.

```
.text, #text, p{  
    color:rgb(121, 187, 202)  
}
```

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(121, 187, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 187, 202) }
```

Border

The CSS property to change the border of an element to Yxy 43.8699, 0.2546, 0.3076 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(121, 187, 202) }
```

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

```
.border{ border-color:rgb(121, 187, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 187, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 187, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 187, 202);  
box-shadow:4px 4px 4px 4px rgb(121, 187,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8699, 0.2546, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 187, 202) }
```

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

```
.background{ background-color: rgb(121,  
187, 202) }
```

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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