

Converting Colors

$Yxy(54.9284, 0.2644, 0.3742)$

Have a look what the booklet for
Yxy(54.9284, 0.2644, 0.3742)
contains.

Yxy(55.1664, 0.2649, 0.3754)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(55.1664, 0.2649, 0.3754)

Conversions

Conversions Part 1

Format	Color
Hex	6CD7B6
RGB	108, 215, 182
RGB Percent	42%, 84%, 71%
CMY	0.5765, 0.1568, 0.2862
CMYK	0.50, 0.00, 0.15, 0.16
HSL	162°, 57%, 63%
HSV	162°, 50%, 84%
XYZ	38.9280, 55.1664, 52.8592
YIQ	179.2450, -53.1790, -32.9470

Conversions

Conversions Part 2

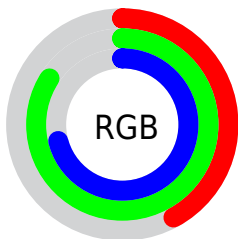
Format	Color
RYB	108, 171, 215
Decimal	7133110
CIELab	79.14, -38.76, 6.84
CIELCh	79, 39.356, 169.988
Yxy	55.1664, 0.2649, 0.3754
Android (android.graphics.Color)	4285323190 (0xFF6CD7B6)
YUV	179.2450, 1.3582, -62.4819
Hunter-Lab	74.2741, -36.4255, 9.7965

Details

The Yxy color **55.1664, 0.2649, 0.3754** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **27.0930, 0.4076, 0.2892**, and the grayscale version is **45.2306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8000, 0.2713, 0.3479**, and **27.3309, 0.2524, 0.3896** is the 20% darker color. If you saturate the color by 10%, you get **53.7152, 0.2589, 0.3867**, and if you desaturate by 10%, it is **56.9673, 0.2725, 0.3646**.

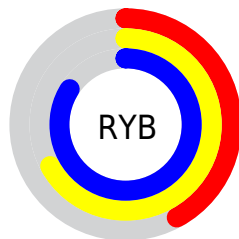
Distribution



Red (42%)

Green (84%)

Blue (71%)



Red (42%)

Yellow (67%)

Blue (84%)

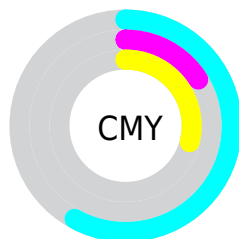


Cyan (50%)

Magenta (0%)

Yellow (15%)

Black (16%)



Cyan (58%)


Magenta (16%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.1664, 0.2649, 0.3754 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 55.1664, 0.2649, 0.3754 by changing the saturation by 10% instead.


 55.1664, 0.2649,
0.3754

 55.1664, 0.2649,
0.3754


406.5424, 0.2884,
0.3522


 39.5350, 0.2592,
0.3812


 97.7847, 0.2733,
0.3670

 27.1761, 0.2520,
0.3885


 125.5404, 0.2765,
0.3638

 17.7056, 0.2425,
0.3983


 158.1062, 0.2792,
0.3612

 10.7388, 0.2295,
0.4120

195.8667, 0.2816,
0.3589

 5.8915, 0.2109,
0.4321

239.2062, 0.2836,
0.3569

 2.7792, 0.1820,
0.4648

288.5090, 0.2854,

 1.0176, 0.0092,

0.3551

0.6145

344.1596, 0.2869,
0.3536

■ 0.0000, 0.0000,
0.0000

■ 55.1664, 0.2649,
0.3754

■ 55.1664, 0.2649,
0.3754

■ 53.7152, 0.2589,
0.3867

■ 56.9673, 0.2725,
0.3646

■ 52.5821, 0.2547,
0.3984

■ 59.1339, 0.2814,
0.3545

■ 51.7406, 0.2525,
0.4102

■ 61.6889, 0.2913,
0.3451

■ 51.1570, 0.2523,
0.4219


■ 64.6513, 0.3019,
0.3366

■ 50.7722, 0.2538,
0.4335

■ 68.0390, 0.3130,
0.3288

 50.7643, 0.2538,
0.4338

 71.8685, 0.3242,
0.3219

 75.4874, 0.3328,
0.3156

 75.8636, 0.3282,
0.3091

 76.2540, 0.3236,
0.3027

Harmonies

Analogous

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



55.1664, 0.3131, 0.4142



55.1664, 0.2649, 0.3754



55.1664, 0.2313, 0.3231

Triad

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



55.1664, 0.2649, 0.3754



55.1664, 0.2585, 0.2469



55.1664, 0.4167, 0.3664

Complementary

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



55.1664, 0.2649, 0.3754



27.0930, 0.4076, 0.2892

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.



55.1664, 0.4007, 0.3253



55.1664, 0.2649, 0.3754



55.1664, 0.3054, 0.2597

Square

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



55.1664, 0.2649, 0.3754



55.1664, 0.2281, 0.2525



55.1664, 0.3584, 0.2876



55.1664, 0.4021, 0.4026

Rectangle

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



55.1664, 0.2649, 0.3754



55.1664, 0.2204, 0.2915



55.1664, 0.3584, 0.2876



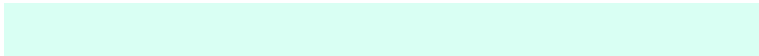
55.1664, 0.4148, 0.3528

Sweetspot

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



55.1686, 0.2649, 0.3754



92.7171, 0.2962, 0.3411



55.4256, 0.3276, 0.4760



19.6507, 0.2939, 0.3429



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.



55.1686, 0.2649, 0.3754



78.8907, 0.2585, 0.3876



47.2969, 0.2427, 0.3017



14.0396, 0.3023, 0.3363



30.3815, 0.2534, 0.4321



1.8470, 0.2478, 0.4120

Inverse Universe

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



27.0930, 0.4076, 0.2892



32.9380, 0.4414, 0.2827



30.8666, 0.4394, 0.3532



12.4832, 0.3243, 0.3218



8.8951, 0.5719, 0.2924



0.5512, 0.5222, 0.2651

Previews

White Background



This preview shows how the Yxy color 55.1664, 0.2649, 0.3754 looks on a white background.

Color Contrast Check

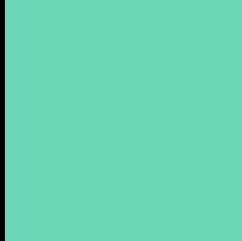
Large Text (above 18pt) WCAG AA × Fail

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 55.1664, 0.2649, 0.3754 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

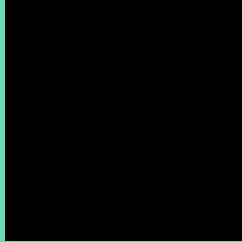
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

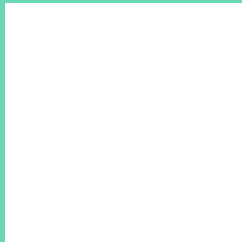
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1664, 0.2649, 0.3754

Background



This preview shows how black text looks on a background with the Yxy color 55.1664, 0.2649, 0.3754.

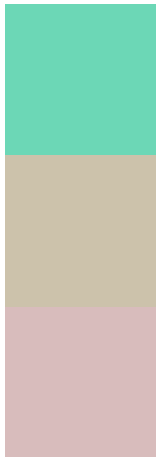


This preview shows how white text looks on a background with the Yxy color 55.1664, 0.2649, 0.3754.

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

55.1664, 0.2649, 0.3754

Protanopia

54.3612, 0.3386, 0.3571

Deuteranopia

54.1962, 0.3363, 0.3291



Tritanopia

55.1569, 0.2470, 0.3067

Trichromacy



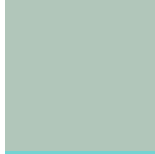
Original Color

55.1664, 0.2649, 0.3754



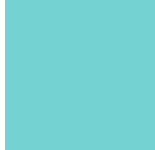
Protanomaly

53.7712, 0.3065, 0.3644



Deuteranomaly

53.2804, 0.3050, 0.3444



Tritanomaly

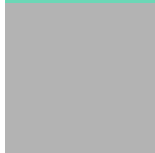
54.9547, 0.2531, 0.3302

Monochromacy



Original Color

55.1664, 0.2649, 0.3754



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

47.7669, 0.2909, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1664, 0.2649, 0.3754 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(108, 215, 182)` looks like.

```
.text, #text, p{  
    color:rgb(108, 215, 182)  
}
```

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(108, 215, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 215, 182) }
```

Border

The CSS property to change the border of an element to Yxy 55.1664, 0.2649, 0.3754 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(108, 215, 182) }
```

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

```
.border{ border-color:rgb(108, 215, 182) }
```

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

Here you see how a box with a 4 pixel rgb(108, 215, 182) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 215, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 215, 182);  
box-shadow:4px 4px 4px 4px rgb(108, 215,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1664, 0.2649, 0.3754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 215, 182) }
```

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

```
.background{ background-color: rgb(108,  
215, 182) }
```

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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