

Converting Colors

$Y_{xy}(54.0039, 0.2523, 0.3256)$

Have a look what the booklet for
Yxy(54.0039, 0.2523, 0.3256)
contains.

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Color

Yxy(54.0860, 0.2526, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	75D1D3
RGB	117, 209, 211
RGB Percent	46%, 82%, 83%
CMY	0.5412, 0.1804, 0.1724
CMYK	0.45, 0.01, 0.00, 0.17
HSL	181°, 52%, 64%
HSV	181°, 45%, 83%
XYZ	41.8955, 54.0860, 69.8756
YIQ	181.7200, -55.4740, -18.8820

Conversions

Conversions Part 2

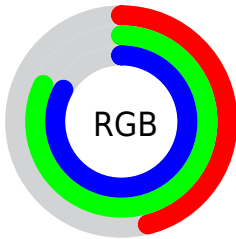
Format	Color
RYB	117, 163, 211
Decimal	7721427
CIELab	78.51, -26.86, -9.56
CIElCh	79, 28.508, 199.594
Yxy	54.0860, 0.2526, 0.3261
Android (android.graphics.Color)	4285911507 (0xFF75D1D3)
YUV	181.7200, 14.4350, -56.7594
Hunter-Lab	73.5432, -27.0141, -4.8530

Details

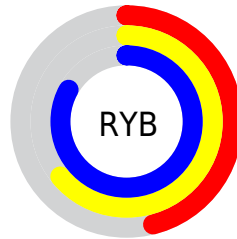
The Yxy color **54.0860, 0.2526, 0.3261** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **28.3335, 0.4296, 0.3319**, and the grayscale version is **46.5620, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.7387, 0.2671, 0.3289**, and **26.4451, 0.2370, 0.3232** is the 20% darker color. If you saturate the color by 10%, you get **52.5651, 0.2430, 0.3254**, and if you desaturate by 10%, it is **55.9411, 0.2639, 0.3268**.

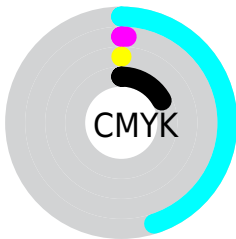
Distribution



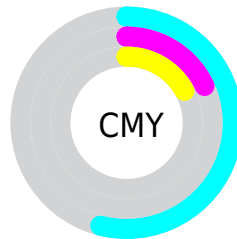
- Red (46%)
- Green (82%)
- Blue (83%)



- Red (46%)
- Yellow (64%)
- Blue (83%)



- Cyan (45%)
- Magenta (1%)
- Yellow (0%)
- Black (17%)





- Cyan (54%)
- Magenta (18%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 54.0860, 0.2526, 0.3261 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 54.0860, 0.2526, 0.3261 by changing the saturation by 10% instead.


 54.0860, 0.2526,
0.3261


 54.0860, 0.2526,
0.3261


402.4379, 0.2814,
0.3282

 38.6704, 0.2458,
0.3254


 96.2005, 0.2628,
0.3270

 26.5034, 0.2373,
0.3245


 123.6682, 0.2667,
0.3273

 17.2006, 0.2264,
0.3231


 155.9221, 0.2700,
0.3275

 10.3776, 0.2119,
0.3209

193.3466, 0.2729,
0.3277

 5.6501, 0.1917,
0.3171

236.3260, 0.2754,
0.3278

 2.6335, 0.1622,
0.3100

285.2447, 0.2776,

 0.9435, 0.0780,

0.3280

0.3066

340.4872, 0.2796,
0.3281

0.0000, 0.0000,
0.0000

54.0860, 0.2526,
0.3261

54.0860, 0.2526,
0.3261

52.5651, 0.2430,
0.3254

55.9411, 0.2639,
0.3268

51.3498, 0.2353,
0.3247

58.1446, 0.2767,
0.3275

50.4170, 0.2296,
0.3239

60.7171, 0.2907,
0.3281

49.7374, 0.2257,
0.3232

63.6761, 0.3057,
0.3287

49.2755, 0.2235,
0.3225

67.0378, 0.3213,
0.3293

■ 49.0817, 0.2228,
0.3221

■ 70.8175, 0.3372,
0.3298

■ 73.1418, 0.3458,
0.3303

■ 73.3693, 0.3458,
0.3307

■ 73.5975, 0.3457,
0.3312

Harmonies

Analogous

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



54.0860, 0.2784, 0.3628



54.0860, 0.2526, 0.3261



54.0860, 0.2424, 0.2931

Triad

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



54.0860, 0.2526, 0.3261



54.0860, 0.3074, 0.2767



54.0860, 0.3789, 0.3839

Complementary

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



54.0860, 0.2526, 0.3261



28.3335, 0.4296, 0.3319

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.



54.0860, 0.3885, 0.3578



54.0860, 0.2526, 0.3261



54.0860, 0.3458, 0.2980

Square

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



54.0860, 0.2526, 0.3261



54.0860, 0.2725, 0.2674



54.0860, 0.3763, 0.3269



54.0860, 0.3513, 0.3969

Rectangle

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



54.0860, 0.2526, 0.3261



54.0860, 0.2452, 0.2778



54.0860, 0.3763, 0.3269



54.0860, 0.3844, 0.3762

Sweetspot

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



54.0881, 0.2526, 0.3261



93.7918, 0.2928, 0.3282



51.7039, 0.3053, 0.4652



19.8719, 0.2895, 0.3281



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.



54.0881, 0.2526, 0.3261



80.8815, 0.2439, 0.3255



34.4819, 0.2410, 0.2589



13.3616, 0.2983, 0.3285



29.6332, 0.2229, 0.3222



1.6711, 0.2232, 0.3235

Inverse Universe

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



31.1766, 0.3198, 0.2228



41.6910, 0.3212, 0.2044



42.2551, 0.4019, 0.3892



12.0045, 0.3141, 0.3066



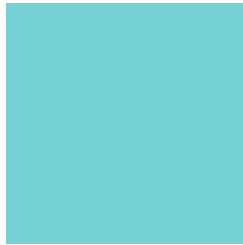
11.0628, 0.3263, 0.1571



0.6200, 0.3253, 0.1565

Previews

White Background



This preview shows how the Yxy color 54.0860, 0.2526, 0.3261 looks on a white background.

Color Contrast Check

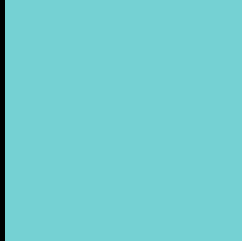
Large Text (above 18pt) WCAG AA × Fail

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 54.0860, 0.2526, 0.3261 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

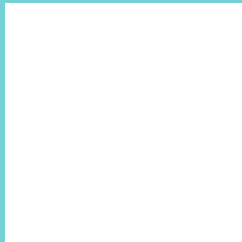
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.0860, 0.2526, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 54.0860, 0.2526, 0.3261.

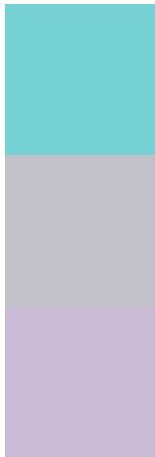


This preview shows how white text looks on a background with the Yxy color 54.0860, 0.2526, 0.3261.

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

54.0860, 0.2526, 0.3261

Protanopia

53.3857, 0.3076, 0.3180

Deuteranopia

53.4293, 0.3038, 0.2972



Tritanopia

54.0724, 0.2475, 0.3066

Trichromacy



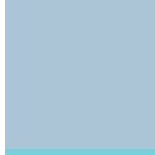
Original Color

54.0860, 0.2526, 0.3261



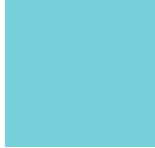
Protanomaly

52.9029, 0.2839, 0.3200



Deuteranomaly

52.9928, 0.2814, 0.3064



Tritanomaly

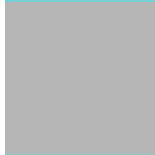
54.2193, 0.2498, 0.3143

Monochromacy



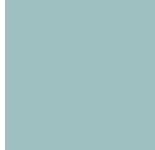
Original Color

54.0860, 0.2526, 0.3261



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

48.8186, 0.2857, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.0860, 0.2526, 0.3261 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(117, 209, 211)` looks like.

```
.text, #text, p{  
    color:rgb(117, 209, 211)  
}
```

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(117, 209, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 209, 211) }
```

Border

The CSS property to change the border of an element to Yxy 54.0860, 0.2526, 0.3261 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(117, 209, 211) }
```

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

```
.border{ border-color:rgb(117, 209, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 209, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 209, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 209, 211);  
box-shadow:4px 4px 4px 4px rgb(117, 209,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 54.0860, 0.2526, 0.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 209, 211) }
```

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

```
.background{ background-color: rgb(117,  
209, 211) }
```

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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