

Converting Colors

$Yxy(56.0668, 0.2468, 0.3288)$

Have a look what the booklet for
Yxy(56.0668, 0.2468, 0.3288)
contains.

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Color

Yxy(55.9514, 0.2469, 0.3288)

Conversions

Conversions Part 1

Format	Color
Hex	69D6D6
RGB	105, 214, 214
RGB Percent	41%, 84%, 84%
CMY	0.5880, 0.1608, 0.1608
CMYK	0.51, 0.00, 0.00, 0.16
HSL	180°, 57%, 63%
HSV	180°, 51%, 84%
XYZ	42.0146, 55.9514, 72.2025
YIQ	181.4090, -64.9640, -23.1080

Conversions

Conversions Part 2

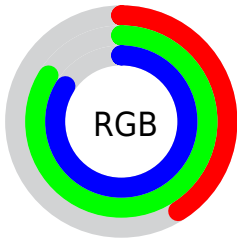
Format	Color
R _{YB}	105, 160, 214
Decimal	6936278
CIE Lab	79.59, -31.13, -9.60
CIE LCh	80, 32.574, 197.144
Yxy	55.9514, 0.2469, 0.3288
Android (android.graphics.Color)	4285126358 (0xFF69D6D6)
YUV	181.4090, 16.0674, -67.0107
Hunter-Lab	74.8007, -30.6400, -4.8701

Details

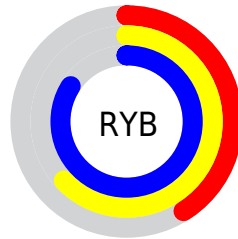
The Yxy color **55.9514, 0.2469, 0.3288** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **25.4336, 0.4578, 0.3294**, and the grayscale version is **46.3879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.6325, 0.2624, 0.3289**, and **27.7115, 0.2308, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **54.8155, 0.2388, 0.3288**, and if you desaturate by 10%, it is **57.4177, 0.2569, 0.3288**.

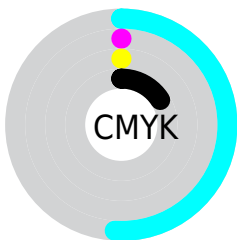
Distribution



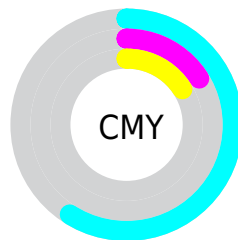
- Red (41%)
- Green (84%)
- Blue (84%)



- Red (41%)
- Yellow (63%)
- Blue (84%)



- Cyan (51%)
- Magenta (0%)
- Yellow (0%)
- Black (16%)





- Cyan (59%)
- Magenta (16%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9514, 0.2469, 0.3288 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 55.9514, 0.2469, 0.3288 by changing the saturation by 10% instead.

 55.9514, 0.2469,
0.3288

 55.9514, 0.2469,
0.3288


409.5083, 0.2781,
0.3296

 40.1640, 0.2396,
0.3284


 98.9335, 0.2579,
0.3293

 27.6664, 0.2305,
0.3278


 126.8970, 0.2621,
0.3294

 18.0743, 0.2189,
0.3268


 159.6879, 0.2657,
0.3295

 11.0034, 0.2035,
0.3251

197.6907, 0.2689,
0.3295

 6.0691, 0.1825,
0.3220

241.2897, 0.2716,
0.3296

 2.8871, 0.1520,
0.3159

290.8694, 0.2741,

 1.0731, 0.0725,

0.3296

0.3127

346.8142, 0.2762,
0.3296

0.0000, 0.0000,
0.0000

55.9514, 0.2469,
0.3288

55.9514, 0.2469,
0.3288

54.8155, 0.2388,
0.3288

57.4177, 0.2569,
0.3288

53.9786, 0.2326,
0.3288

59.2301, 0.2686,
0.3289

53.4143, 0.2283,
0.3287

61.4114, 0.2817,
0.3289

53.0885, 0.2258,
0.3287

63.9803, 0.2961,
0.3290

52.9451, 0.2247,
0.3287

66.9542, 0.3113,
0.3290

■ 70.3497, 0.3271,
0.3290

■ 74.1823, 0.3432,
0.3291

■ 74.2089, 0.3434,
0.3291

■ 74.2092, 0.3434,
0.3291

Harmonies

Analogous

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



55.9514, 0.2769, 0.3706



55.9514, 0.2469, 0.3288



55.9514, 0.2341, 0.2908

Triad

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



55.9514, 0.2469, 0.3288



55.9514, 0.3029, 0.2692



55.9514, 0.3890, 0.3884

Complementary

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



55.9514, 0.2469, 0.3288



25.4336, 0.4578, 0.3294

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.



55.9514, 0.3982, 0.3580



55.9514, 0.2469, 0.3288



55.9514, 0.3466, 0.2918

Square

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



55.9514, 0.2469, 0.3288



55.9514, 0.2647, 0.2599



55.9514, 0.3825, 0.3234



55.9514, 0.3590, 0.4054

Rectangle

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



55.9514, 0.2469, 0.3288



55.9514, 0.2362, 0.2729



55.9514, 0.3825, 0.3234



55.9514, 0.3948, 0.3793

Sweetspot

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



55.9536, 0.2469, 0.3288



93.4528, 0.2899, 0.3289



52.1212, 0.3051, 0.4904



19.8295, 0.2868, 0.3289



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.



55.9536, 0.2469, 0.3288



81.4154, 0.2383, 0.3288



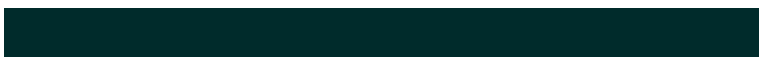
32.8412, 0.2314, 0.2495



14.1078, 0.2983, 0.3290



32.0020, 0.2247, 0.3287



1.9302, 0.2247, 0.3287

Inverse Universe

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



29.2667, 0.3184, 0.2074



37.4889, 0.3194, 0.1877



40.2965, 0.4195, 0.3952



12.6327, 0.3138, 0.3060



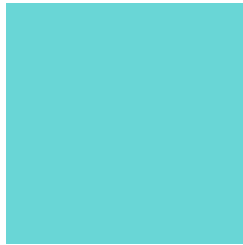
11.5755, 0.3209, 0.1542



0.6982, 0.3209, 0.1542

Previews

White Background



This preview shows how the Yxy color 55.9514, 0.2469, 0.3288 looks on a white background.

Color Contrast Check

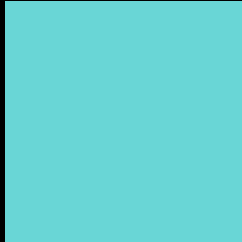
Large Text (above 18pt) WCAG AA × Fail

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 55.9514, 0.2469, 0.3288 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

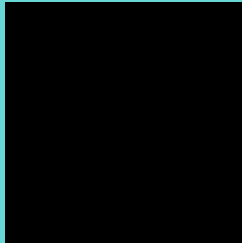
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

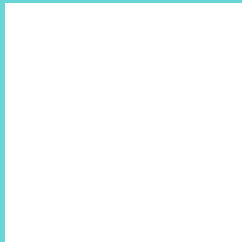
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9514, 0.2469, 0.3288

Background



This preview shows how black text looks on a background with the Yxy color 55.9514, 0.2469, 0.3288.



This preview shows how white text looks on a background with the Yxy color 55.9514, 0.2469, 0.3288.

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

55.9514, 0.2469, 0.3288

Protanopia

55.3002, 0.3099, 0.3206

Deuteranopia

55.2134, 0.3024, 0.2965



Tritanopia

56.0591, 0.2413, 0.3067

Trichromacy



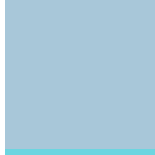
Original Color

55.9514, 0.2469, 0.3288



Protanomaly

54.5898, 0.2822, 0.3238



Deuteranomaly

54.1814, 0.2777, 0.3065



Tritanomaly

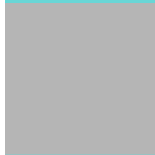
56.1585, 0.2431, 0.3143

Monochromacy



Original Color

55.9514, 0.2469, 0.3288



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

48.7625, 0.2822, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9514, 0.2469, 0.3288 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(105, 214, 214)` looks like.

```
.text, #text, p{  
    color:rgb(105, 214, 214)  
}
```

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(105, 214, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 214, 214) }
```

Border

The CSS property to change the border of an element to Yxy 55.9514, 0.2469, 0.3288 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(105, 214, 214) }
```

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

```
.border{ border-color:rgb(105, 214, 214) }
```

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

Here you see how a box with a 4 pixel rgb(105, 214, 214) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 214, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 214, 214);  
box-shadow:4px 4px 4px 4px rgb(105, 214,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9514, 0.2469, 0.3288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 214, 214) }
```

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

```
.background{ background-color: rgb(105,  
214, 214) }
```

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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