

Converting Colors

$Yxy(56.0356, 0.2670, 0.3407)$

Have a look what the booklet for
Yxy(56.0356, 0.2670, 0.3407)
contains.

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Color

Yxy(55.9211, 0.2669, 0.3408)

Conversions

Conversions Part 1

Format	Color
Hex	86D3CA
RGB	134, 211, 202
RGB Percent	53%, 83%, 79%
CMY	0.4743, 0.1726, 0.2078
CMYK	0.36, 0.00, 0.04, 0.17
HSL	173°, 47%, 68%
HSV	173°, 36%, 83%
XYZ	43.7950, 55.9211, 64.3716
YIQ	186.9510, -43.0030, -19.1230

Conversions

Conversions Part 2

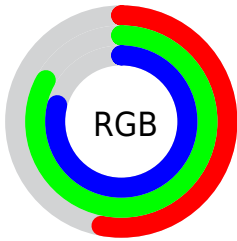
Format	Color
RYB	134, 175, 211
Decimal	8836042
CIELab	79.57, -25.75, -3.08
CIELCh	80, 25.931, 186.830
Yxy	55.9211, 0.2669, 0.3408
Android (android.graphics.Color)	4287026122 (0xFF86D3CA)
YUV	186.9510, 7.4192, -46.4380
Hunter-Lab	74.7804, -26.3275, 1.3089

Details

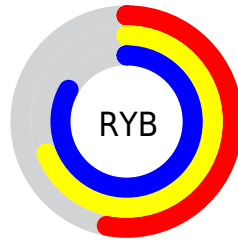
The Yxy color **55.9211, 0.2669, 0.3408** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **32.9001, 0.3900, 0.3179**, and the grayscale version is **49.6497, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6871, 0.2752, 0.3289**, and **27.5773, 0.2548, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **54.2424, 0.2571, 0.3446**, and if you desaturate by 10%, it is **57.9520, 0.2781, 0.3372**.

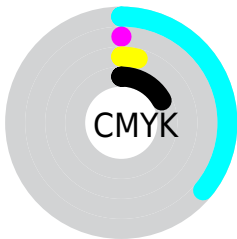
Distribution



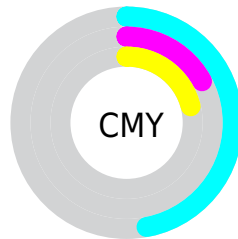
- Red (53%)
- Green (83%)
- Blue (79%)



- Red (53%)
- Yellow (69%)
- Blue (83%)



- Cyan (36%)
- Magenta (0%)
- Yellow (4%)
- Black (17%)





- Cyan (47%)
- Magenta (17%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9211, 0.2669, 0.3408 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 55.9211, 0.2669, 0.3408 by changing the saturation by 10% instead.

 55.9211, 0.2669,
0.3408

 55.9211, 0.2669,
0.3408


409.3941, 0.2889,
0.3353

 40.1397, 0.2617,
0.3421


 98.8892, 0.2747,
0.3389

 27.6475, 0.2551,
0.3436


 126.8447, 0.2777,
0.3382

 18.0601, 0.2466,
0.3455


 159.6269, 0.2802,
0.3375

 10.9931, 0.2352,
0.3481

197.6204, 0.2824,
0.3370

 6.0622, 0.2191,
0.3514

241.2095, 0.2844,
0.3365

 2.8829, 0.1949,
0.3560

290.7785, 0.2861,

 1.0709, 0.1315,

0.3360

0.3722

346.7119, 0.2876,
0.3357

0.0000, 0.0000,
0.0000

55.9211, 0.2669,
0.3408

55.9211, 0.2669,
0.3408

54.2424, 0.2571,
0.3446

57.9520, 0.2781,
0.3372

52.8885, 0.2489,
0.3485

60.3475, 0.2905,
0.3339

51.8389, 0.2426,
0.3525


63.1273, 0.3038,
0.3308

51.0676, 0.2383,
0.3566

66.3079, 0.3177,
0.3280

50.5445, 0.2358,
0.3606

69.9048, 0.3318,
0.3255


 50.2312, 0.2351,
0.3646

 72.8434, 0.3418,
0.3232

 50.1457, 0.2350,
0.3661

 72.9724, 0.3400,
0.3207

 73.1032, 0.3382,
0.3183

 73.2360, 0.3364,
0.3158

Harmonies

Analogous

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



55.9211, 0.2951, 0.3712



55.9211, 0.2669, 0.3408



55.9211, 0.2511, 0.3086

Triad

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



55.9211, 0.2669, 0.3408



55.9211, 0.2937, 0.2765



55.9211, 0.3783, 0.3698

Complementary

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



55.9211, 0.2669, 0.3408



32.9001, 0.3900, 0.3179

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.



55.9211, 0.3785, 0.3436



55.9211, 0.2669, 0.3408



55.9211, 0.3281, 0.2916

Square

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



55.9211, 0.2669, 0.3408



55.9211, 0.2659, 0.2736



55.9211, 0.3598, 0.3156



55.9211, 0.3597, 0.3871

Rectangle

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



55.9211, 0.2669, 0.3408



55.9211, 0.2492, 0.2912



55.9211, 0.3598, 0.3156



55.9211, 0.3805, 0.3617

Sweetspot

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



55.9233, 0.2669, 0.3408



94.8537, 0.2975, 0.3322



54.2660, 0.3147, 0.4362



20.1780, 0.2957, 0.3327



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.



55.9233, 0.2669, 0.3408



83.7471, 0.2589, 0.3438



43.5548, 0.2565, 0.2903



13.3823, 0.2998, 0.3317



30.2753, 0.2349, 0.3655



1.6997, 0.2328, 0.3581

Inverse Universe

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



32.9001, 0.3900, 0.3179



43.2416, 0.4162, 0.3156



41.5070, 0.3875, 0.3644



11.8304, 0.3272, 0.3263



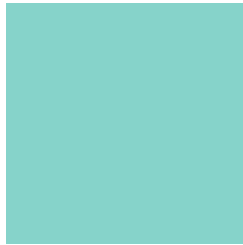
8.4070, 0.6247, 0.3215



0.4777, 0.5865, 0.3005

Previews

White Background



This preview shows how the Yxy color 55.9211, 0.2669, 0.3408 looks on a white background.

Color Contrast Check

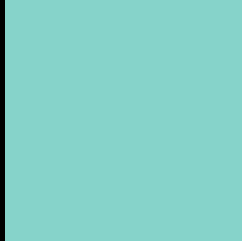
Large Text (above 18pt) WCAG AA × Fail

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 55.9211, 0.2669, 0.3408 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

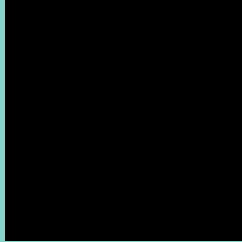
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

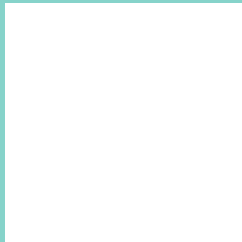
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.9211, 0.2669, 0.3408

Background



This preview shows how black text looks on a background with the Yxy color 55.9211, 0.2669, 0.3408.



This preview shows how white text looks on a background with the Yxy color 55.9211, 0.2669, 0.3408.

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

55.9211, 0.2669, 0.3408

Protanopia

55.1598, 0.3182, 0.3314

Deuteranopia

55.1320, 0.3177, 0.3104



Tritanopia

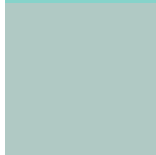
56.0690, 0.2576, 0.3085

Trichromacy



Original Color

55.9211, 0.2669, 0.3408



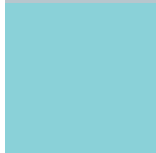
Protanomaly

54.9889, 0.2973, 0.3353



Deuteranomaly

54.8632, 0.2963, 0.3203



Tritanomaly

55.9621, 0.2610, 0.3198

Monochromacy



Original Color

55.9211, 0.2669, 0.3408



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

51.6105, 0.2940, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9211, 0.2669, 0.3408 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(134, 211, 202)` looks like.

```
.text, #text, p{  
    color:rgb(134, 211, 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(134, 211, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 211, 202) }
```

Border

The CSS property to change the border of an element to Yxy 55.9211, 0.2669, 0.3408 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(134, 211, 202) }
```

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

```
.border{ border-color:rgb(134, 211, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 211, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 211, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 211, 202);  
box-shadow:4px 4px 4px 4px rgb(134, 211,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9211, 0.2669, 0.3408 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 211, 202) }
```

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

```
.background{ background-color: rgb(134,  
211, 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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