

Converting Colors

$Yxy(55.1631, 0.2878, 0.3209)$

Have a look what the booklet for
Yxy(55.1631, 0.2878, 0.3209)
contains.

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Color

Yxy(55.1625, 0.2877, 0.3214)

Conversions

Conversions Part 1

Format	Color
Hex	ADC9CF
RGB	173, 201, 207
RGB Percent	68%, 79%, 81%
CMY	0.3217, 0.2117, 0.1881
CMYK	0.16, 0.03, 0.00, 0.19
HSL	191°, 26%, 75%
HSV	191°, 16%, 81%
XYZ	49.3785, 55.1625, 67.0909
YIQ	193.3120, -18.6140, -4.0700

Conversions

Conversions Part 2

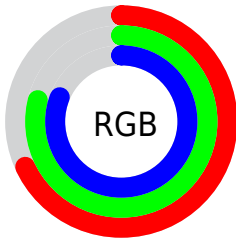
Format	Color
RYB	173, 188, 207
Decimal	11389391
CIELab	79.13, -8.12, -6.16
CIElCh	79, 10.191, 217.215
Yxy	55.1625, 0.2877, 0.3214
Android (android.graphics.Color)	4289579471 (0xFFADC9CF)
YUV	193.3120, 6.7482, -17.8136
Hunter-Lab	74.2715, -11.3014, -1.5678

Details

The Yxy color **55.1625, 0.2877, 0.3214** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.5150, 0.3426, 0.3365**, and the grayscale version is **53.4874, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.3980, 0.2970, 0.3290**, and **27.1604, 0.2808, 0.3188** is the 20% darker color. If you saturate the color by 10%, you get **51.3015, 0.2731, 0.3162**, and if you desaturate by 10%, it is **59.4342, 0.3028, 0.3262**.

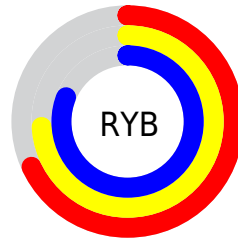
Distribution



Red (68%)

Green (79%)

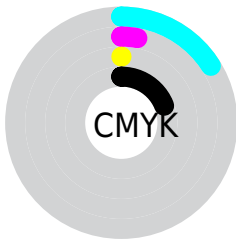
Blue (81%)



Red (68%)

Yellow (74%)

Blue (81%)

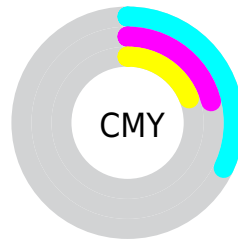


Cyan (16%)

Magenta (3%)

Yellow (0%)

Black (19%)



Cyan (32%)

Magenta (21%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 55.1625, 0.2877, 0.3214 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 55.1625, 0.2877, 0.3214 by changing the saturation by 10% instead.

■ 55.1625, 0.2877,
0.3214

■ 55.1625, 0.2877,
0.3214

406.5276, 0.2998,
0.3252

■ 39.5318, 0.2848,
0.3204

■ 97.7790, 0.2920,
0.3228

■ 27.1737, 0.2812,
0.3192

125.5336, 0.2936,
0.3233

■ 17.7037, 0.2764,
0.3176

158.0984, 0.2950,
0.3237

■ 10.7375, 0.2701,
0.3154

195.8576, 0.2962,
0.3241

■ 5.8906, 0.2610,
0.3120

239.1958, 0.2973,
0.3245

■ 2.7787, 0.2470,
0.3066

288.4972, 0.2982,

■ 1.0173, 0.2224,

0.3247

0.2965

344.1464, 0.2990,
0.3250

0.0000, 0.0000,
0.0000

55.1625, 0.2877,
0.3214

55.1625, 0.2877,
0.3214

51.3015, 0.2731,
0.3162

59.4342, 0.3028,
0.3262

47.8274, 0.2594,
0.3107

64.1259, 0.3182,
0.3305

44.7240, 0.2469,
0.3048

69.2547, 0.3336,
0.3344

41.9713, 0.2358,
0.2987

74.6882, 0.3482,
0.3379

39.5472, 0.2265,
0.2924

76.5775, 0.3475,
0.3415

■ 37.4269, 0.2190,
0.2860

■ 78.5087, 0.3468,
0.3452

■ 35.5812, 0.2135,
0.2797

■ 80.4820, 0.3462,
0.3488

■ 33.9731, 0.2098,
0.2734

■ 82.4977, 0.3455,
0.3524

■ 33.4355, 0.2087,
0.2711

■ 84.5560, 0.3448,
0.3560

Harmonies

Analogous

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



55.1625, 0.2943, 0.3337



55.1625, 0.2877, 0.3214



55.1625, 0.2876, 0.3115

Triad

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



55.1625, 0.2877, 0.3214



55.1625, 0.3192, 0.3138



55.1625, 0.3314, 0.3520

Complementary

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



55.1625, 0.2877, 0.3214



48.5150, 0.3426, 0.3365

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.



55.1625, 0.3384, 0.3460



55.1625, 0.2877, 0.3214



55.1625, 0.3313, 0.3240

Square

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



55.1625, 0.2877, 0.3214



55.1625, 0.3056, 0.3075



55.1625, 0.3384, 0.3357



55.1625, 0.3194, 0.3517

Rectangle

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



55.1625, 0.2877, 0.3214



55.1625, 0.2913, 0.3076



55.1625, 0.3384, 0.3357



55.1625, 0.3344, 0.3506

Sweetspot

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



55.1648, 0.2877, 0.3214



96.2339, 0.3049, 0.3268



56.7574, 0.3068, 0.3655



20.4877, 0.3039, 0.3265



0.0000, 0.0000, 0.0000



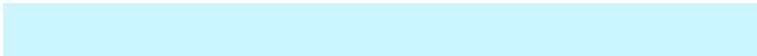
21.4041, 0.3127, 0.3290

Same Dimension

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



55.1648, 0.2877, 0.3214



85.9672, 0.2821, 0.3195



47.7989, 0.2868, 0.2999



13.0372, 0.2983, 0.3248



21.1853, 0.2089, 0.2720



1.2799, 0.2121, 0.2836

Inverse Universe

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



47.3594, 0.3195, 0.2955



71.0994, 0.3214, 0.2875



55.6159, 0.3393, 0.3565



11.9717, 0.3164, 0.3101



10.2099, 0.3709, 0.1817



0.5805, 0.3602, 0.1758

Previews

White Background



This preview shows how the Yxy color 55.1625, 0.2877, 0.3214 looks on a white background.

Color Contrast Check

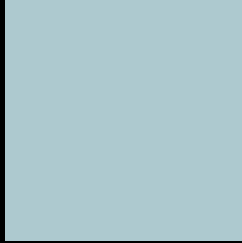
Large Text (above 18pt) WCAG AA × Fail

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 55.1625, 0.2877, 0.3214 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

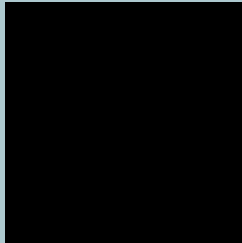
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

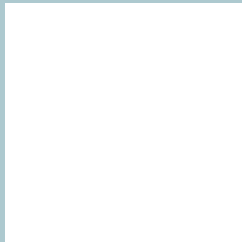
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 55.1625, 0.2877, 0.3214

Background



This preview shows how black text looks on a background with the Yxy color 55.1625, 0.2877, 0.3214.



This preview shows how white text looks on a background with the Yxy color 55.1625, 0.2877, 0.3214.

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

55.1625, 0.2877, 0.3214

Protanopia

54.7657, 0.3085, 0.3182

Deuteranopia

54.8403, 0.3129, 0.3068



Tritanopia

55.3804, 0.2833, 0.3092

Trichromacy



Original Color

55.1625, 0.2877, 0.3214

Protanomaly

54.9835, 0.3007, 0.3204

Deuteranomaly

54.7397, 0.3033, 0.3122

Tritanomaly

55.1113, 0.2845, 0.3128

Monochromacy



Original Color

55.1625, 0.2877, 0.3214

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

53.9962, 0.3034, 0.3265

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.1625, 0.2877, 0.3214 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(173, 201, 207)` looks like.

```
.text, #text, p{  
    color:rgb(173, 201, 207)  
}
```

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(173, 201, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 201, 207) }
```

Border

The CSS property to change the border of an element to Yxy 55.1625, 0.2877, 0.3214 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(173, 201, 207) }
```

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

```
.border{ border-color:rgb(173, 201, 207) }
```

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

Here you see how a box with a 4 pixel rgb(173, 201, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 201, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 201, 207);  
box-shadow:4px 4px 4px 4px rgb(173, 201,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 55.1625, 0.2877, 0.3214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 201, 207) }
```

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

```
.background{ background-color: rgb(173,  
201, 207) }
```

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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