

Converting Colors

$Yxy(52.5445, 0.2825, 0.3162)$

Have a look what the booklet for
Yxy(52.5445, 0.2825, 0.3162)
contains.

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Color

Yxy(52.5445, 0.2825, 0.3162)

Conversions

Conversions Part 1

Format	Color
Hex	A6C5CF
RGB	166, 197, 207
RGB Percent	65%, 77%, 81%
CMY	0.3492, 0.2274, 0.1883
CMYK	0.20, 0.05, 0.00, 0.19
HSL	195°, 30%, 73%
HSV	195°, 20%, 81%
XYZ	46.9444, 52.5445, 66.6860
YIQ	188.8710, -21.6860, -3.4620

Conversions

Conversions Part 2

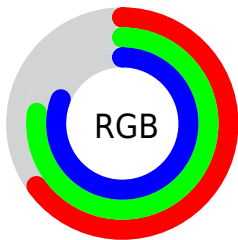
Format	Color
R _Y B	166, 184, 207
Decimal	10929615
CIE Lab	77.61, -8.24, -8.46
CIE LCh	78, 11.807, 225.748
Yxy	52.5445, 0.2825, 0.3162
Android (android.graphics.Color)	4289119695 (0xFFA6C5CF)
YUV	188.8710, 8.9376, -20.0579
Hunter-Lab	72.4876, -11.2531, -3.8034

Details

The Yxy color **52.5445, 0.2825, 0.3162** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **47.0298, 0.3493, 0.3414**, and the grayscale version is **50.7642, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6332, 0.2929, 0.3279**, and **25.4555, 0.2739, 0.3115** is the 20% darker color. If you saturate the color by 10%, you get **48.2432, 0.2678, 0.3089**, and if you desaturate by 10%, it is **57.2862, 0.2977, 0.3230**.

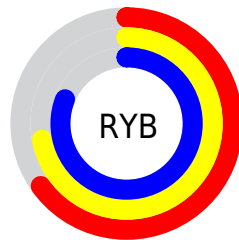
Distribution



Red (65%)

Green (77%)

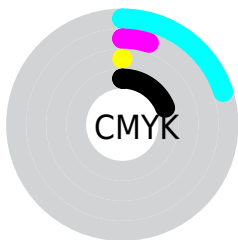
Blue (81%)



Red (65%)

Yellow (72%)

Blue (81%)

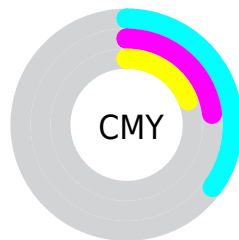


Cyan (20%)

Magenta (5%)

Yellow (0%)

Black (19%)



Cyan (35%)

Magenta (23%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.5445, 0.2825, 0.3162 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 52.5445, 0.2825, 0.3162 by changing the saturation by 10% instead.

■ 52.5445, 0.2825,
0.3162

■ 52.5445, 0.2825,
0.3162

■ 396.5351, 0.2972,
0.3226

■ 37.4393, 0.2790,
0.3146

■ 93.9338, 0.2877,
0.3185

■ 25.5478, 0.2745,
0.3125

■ 120.9866, 0.2897,
0.3194

■ 16.4856, 0.2687,
0.3098

■ 152.7907, 0.2914,
0.3202

■ 9.8685, 0.2608,
0.3060

■ 189.7306, 0.2929,
0.3208

■ 5.3118, 0.2495,
0.3003

■ 232.1906, 0.2942,
0.3213

■ 2.4314, 0.2321,
0.2910

■ 280.5550, 0.2953,

■ 0.8420, 0.1959,

0.3218

0.2754

335.2084, 0.2963,
0.3223

0.0000, 0.0000,
0.0000

52.5445, 0.2825,
0.3162

52.5445, 0.2825,
0.3162

48.2432, 0.2678,
0.3089

57.2862, 0.2977,
0.3230

44.3578, 0.2539,
0.3010

62.4785, 0.3130,
0.3291

40.8712, 0.2411,
0.2926

68.1393, 0.3282,
0.3346

37.7622, 0.2297,
0.2839

74.2837, 0.3432,
0.3396

35.0074, 0.2200,
0.2750

78.0834, 0.3470,
0.3445

■ 32.5803, 0.2122,
0.2659

■ 80.7951, 0.3461,
0.3494

■ 30.4495, 0.2064,
0.2569

■ 83.5871, 0.3452,
0.3544

■ 28.5587, 0.2023,
0.2480

■ 86.4599, 0.3443,
0.3593

■ 28.5264, 0.2022,
0.2478

■ 89.4144, 0.3434,
0.3641

Harmonies

Analogous

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



52.5445, 0.2882, 0.3303



52.5445, 0.2825, 0.3162



52.5445, 0.2847, 0.3061

Triad

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



52.5445, 0.2825, 0.3162



52.5445, 0.3248, 0.3142



52.5445, 0.3311, 0.3568

Complementary

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



52.5445, 0.2825, 0.3162



47.0298, 0.3493, 0.3414

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.



52.5445, 0.3414, 0.3516



52.5445, 0.2825, 0.3162



52.5445, 0.3378, 0.3270

Square

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



52.5445, 0.2825, 0.3162



52.5445, 0.3088, 0.3053



52.5445, 0.3439, 0.3406



52.5445, 0.3160, 0.3543

Rectangle

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



52.5445, 0.2825, 0.3162



52.5445, 0.2903, 0.3027



52.5445, 0.3439, 0.3406



52.5445, 0.3353, 0.3559

Sweetspot

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



52.5467, 0.2825, 0.3162



94.8656, 0.3034, 0.3253



55.8335, 0.3037, 0.3702



20.1890, 0.3024, 0.3249



0.0000, 0.0000, 0.0000



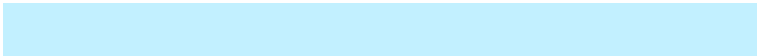
21.4041, 0.3127, 0.3290

Same Dimension

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



52.5467, 0.2825, 0.3162



81.0665, 0.2759, 0.3130



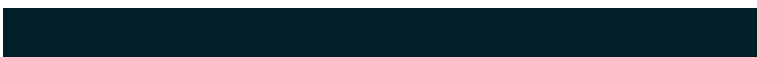
44.0069, 0.2809, 0.2896



12.9004, 0.2983, 0.3232



18.1309, 0.2025, 0.2491



1.1332, 0.2071, 0.2655

Inverse Universe

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



44.5488, 0.3235, 0.2915



66.0543, 0.3264, 0.2828



55.5113, 0.3447, 0.3655



11.9579, 0.3174, 0.3116



9.9016, 0.3931, 0.1939



0.5657, 0.3772, 0.1851

Previews

White Background



This preview shows how the Yxy color 52.5445, 0.2825, 0.3162 looks on a white background.

Color Contrast Check

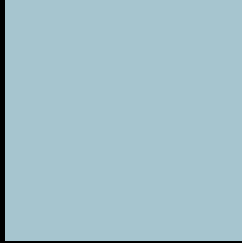
Large Text (above 18pt) WCAG AA × Fail

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 52.5445, 0.2825, 0.3162 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

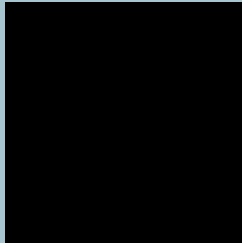
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

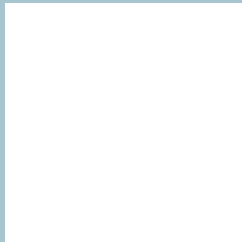
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.5445, 0.2825, 0.3162

Background



This preview shows how black text looks on a background with the Yxy color 52.5445, 0.2825, 0.3162.

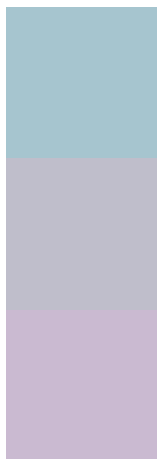


This preview shows how white text looks on a background with the Yxy color 52.5445, 0.2825, 0.3162.

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

52.5445, 0.2825, 0.3162

Protanopia

52.2151, 0.3038, 0.3130

Deuteranopia

52.2778, 0.3083, 0.3017



Tritanopia

52.4488, 0.2799, 0.3087

Trichromacy



Original Color

52.5445, 0.2825, 0.3162

Protanomaly

52.4446, 0.2961, 0.3153

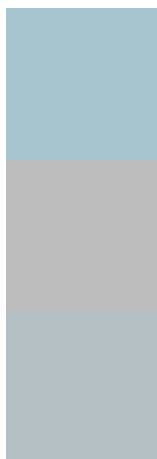
Deuteranomaly

52.1998, 0.2986, 0.3070

Tritanomaly

52.3485, 0.2812, 0.3112

Monochromacy



Original Color

52.5445, 0.2825, 0.3162

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.5086, 0.3010, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.5445, 0.2825, 0.3162 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(166, 197, 207)` looks like.

```
.text, #text, p{  
    color:rgb(166, 197, 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(166, 197, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 197, 207) }
```

Border

The CSS property to change the border of an element to Yxy 52.5445, 0.2825, 0.3162 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(166, 197, 207) }
```

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

```
.border{ border-color:rgb(166, 197, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 197, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 197, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 197, 207);  
box-shadow:4px 4px 4px 4px rgb(166, 197,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 52.5445, 0.2825, 0.3162 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 197, 207) }
```

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

```
.background{ background-color: rgb(166,  
197, 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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