

Converting Colors

$Yxy(48.6204, 0.2794, 0.3164)$

Have a look what the booklet for
Yxy(48.6204, 0.2794, 0.3164)
contains.

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Color

Yxy(48.5466, 0.2788, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	9CBFC9
RGB	156, 191, 201
RGB Percent	61%, 75%, 79%
CMY	0.3883, 0.2510, 0.2116
CMYK	0.22, 0.05, 0.00, 0.21
HSL	193°, 29%, 70%
HSV	193°, 22%, 79%
XYZ	42.8859, 48.5466, 62.3907
YIQ	181.6750, -24.0700, -4.3100

Conversions

Conversions Part 2

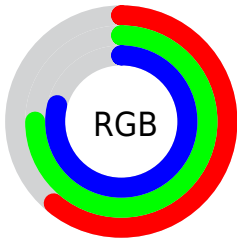
Format	Color
R _Y B	156, 176, 201
Decimal	10272713
CIE Lab	75.17, -9.47, -8.93
CIE LCh	75, 13.017, 223.322
Yxy	48.5466, 0.2788, 0.3156
Android (android.graphics.Color)	4288462793 (0xFF9CBFC9)
YUV	181.6750, 9.5272, -22.5170
Hunter-Lab	69.6754, -12.0634, -4.3183

Details

The Yxy color **48.5466, 0.2788, 0.3156** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.1058, 0.3553, 0.3420**, and the grayscale version is **46.5516, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.5904, 0.2862, 0.3207**, and **23.2266, 0.2700, 0.3125** is the 20% darker color. If you saturate the color by 10%, you get **44.7824, 0.2644, 0.3088**, and if you desaturate by 10%, it is **52.7064, 0.2938, 0.3219**.

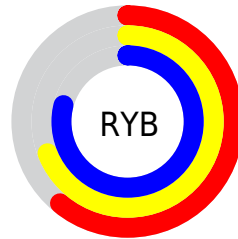
Distribution



Red (61%)

Green (75%)

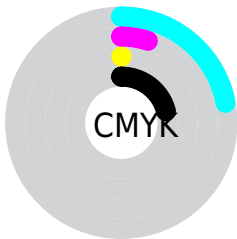
Blue (79%)



Red (61%)

Yellow (69%)

Blue (79%)

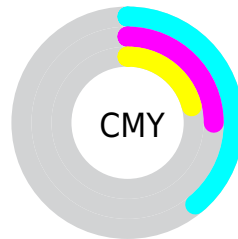


Cyan (22%)

Magenta (5%)

Yellow (0%)

Black (21%)



Cyan (39%)

Magenta (25%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.5466, 0.2788, 0.3156 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 48.5466, 0.2788, 0.3156 by changing the saturation by 10% instead.

■ 48.5466, 0.2788,
0.3156

■ 48.5466, 0.2788,
0.3156

380.9546, 0.2955,
0.3225

■ 34.2600, 0.2747,
0.3138

■ 88.0177, 0.2848,
0.3181

■ 23.0934, 0.2696,
0.3116

■ 113.9709, 0.2871,
0.3191

■ 14.6625, 0.2628,
0.3085

144.5818, 0.2890,
0.3198

■ 8.5828, 0.2535,
0.3042

180.2347, 0.2906,
0.3205

■ 4.4701, 0.2400,
0.2976

221.3140, 0.2921,
0.3211

■ 1.9399, 0.2187,
0.2865

268.2042, 0.2933,

■ 0.5722, 0.1447,

0.3216

0.2648

321.2896, 0.2945,
0.3221

0.0000, 0.0000,
0.0000

48.5466, 0.2788,
0.3156

48.5466, 0.2788,
0.3156

44.7824, 0.2644,
0.3088

52.7064, 0.2938,
0.3219

41.3911, 0.2510,
0.3015

57.2716, 0.3090,
0.3277

38.3564, 0.2387,
0.2938

62.2589, 0.3243,
0.3329

35.6583, 0.2280,
0.2858

67.6823, 0.3394,
0.3376

33.2745, 0.2191,
0.2776

73.2672, 0.3530,
0.3418

■ 31.1795, 0.2121,
0.2694

■ 75.5572, 0.3521,
0.3463

■ 29.3428, 0.2071,
0.2612

■ 77.9100, 0.3512,
0.3508

■ 28.0790, 0.2042,
0.2551

■ 80.3260, 0.3503,
0.3552

■ 82.8058, 0.3494,
0.3596

Harmonies

Analogous

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



48.5466, 0.2858, 0.3318



48.5466, 0.2788, 0.3156



48.5466, 0.2805, 0.3037

Triad

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



48.5466, 0.2788, 0.3156



48.5466, 0.3250, 0.3113



48.5466, 0.3347, 0.3603

Complementary

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



48.5466, 0.2788, 0.3156



42.1058, 0.3553, 0.3420

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.



48.5466, 0.3458, 0.3537



48.5466, 0.2788, 0.3156



48.5466, 0.3402, 0.3254

Square

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



48.5466, 0.2788, 0.3156



48.5466, 0.3068, 0.3017



48.5466, 0.3479, 0.3408



48.5466, 0.3179, 0.3583

Rectangle

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



48.5466, 0.2788, 0.3156



48.5466, 0.2864, 0.2996



48.5466, 0.3479, 0.3408



48.5466, 0.3393, 0.3590

Sweetspot

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



48.5486, 0.2788, 0.3156



94.2592, 0.3019, 0.3251



51.6021, 0.3031, 0.3772



20.0730, 0.3009, 0.3247



0.0000, 0.0000, 0.0000



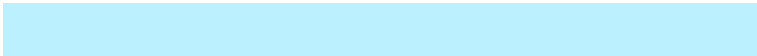
21.4041, 0.3127, 0.3290

Same Dimension

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



48.5486, 0.2788, 0.3156



79.7985, 0.2716, 0.3123



39.5714, 0.2765, 0.2850



11.6512, 0.2984, 0.3237



17.7890, 0.2045, 0.2563



0.9441, 0.2092, 0.2731

Inverse Universe

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



39.9592, 0.3243, 0.2855



62.7122, 0.3274, 0.2756



50.9068, 0.3494, 0.3695



10.7746, 0.3171, 0.3112



9.3358, 0.3860, 0.1900



0.4523, 0.3699, 0.1811

Previews

White Background



This preview shows how the Yxy color 48.5466, 0.2788, 0.3156 looks on a white background.

Color Contrast Check

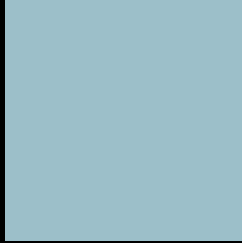
Large Text (above 18pt) WCAG AA × Fail

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 48.5466, 0.2788, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

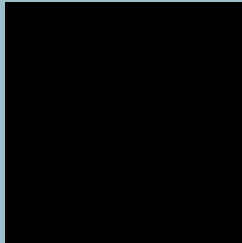
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.5466, 0.2788, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 48.5466, 0.2788, 0.3156.

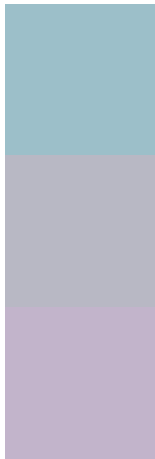


This preview shows how white text looks on a background with the Yxy color 48.5466, 0.2788, 0.3156.

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

48.5466, 0.2788, 0.3156

Protanopia

48.4568, 0.3035, 0.3138

Deuteranopia

48.4236, 0.3065, 0.3007



Tritanopia

48.4028, 0.2768, 0.3092

Trichromacy



Original Color

48.5466, 0.2788, 0.3156

Protanomaly

48.6165, 0.2941, 0.3148

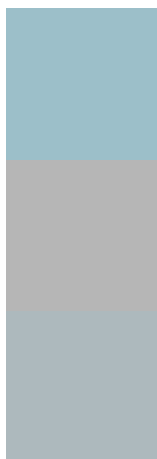
Deuteranomaly

48.2485, 0.2958, 0.3061

Tritanomaly

48.3546, 0.2775, 0.3105

Monochromacy



Original Color

48.5466, 0.2788, 0.3156

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.2563, 0.2998, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.5466, 0.2788, 0.3156 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(156, 191, 201)` looks like.

```
.text, #text, p{  
    color:rgb(156, 191, 201)  
}
```

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(156, 191, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 191, 201) }
```

Border

The CSS property to change the border of an element to Yxy 48.5466, 0.2788, 0.3156 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(156, 191, 201) }
```

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

```
.border{ border-color:rgb(156, 191, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 191, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 191, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 191, 201);  
box-shadow:4px 4px 4px 4px rgb(156, 191,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 48.5466, 0.2788, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 191, 201) }
```

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

```
.background{ background-color: rgb(156,  
191, 201) }
```

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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