

Converting Colors

$Yxy(54.5765, 0.2901, 0.3058)$

Have a look what the booklet for
Yxy(54.5765, 0.2901, 0.3058)
contains.

Yxy(54.5765, 0.2901, 0.3058)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(54.5765, 0.2901, 0.3058)

Conversions

Conversions Part 1

Format	Color
Hex	B8C4D7
RGB	184, 196, 215
RGB Percent	72%, 77%, 84%
CMY	0.2785, 0.2314, 0.1567
CMYK	0.14, 0.09, 0.00, 0.16
HSL	217°, 28%, 78%
HSV	217°, 14%, 84%
XYZ	51.7745, 54.5765, 72.1202
YIQ	194.5780, -13.2510, 3.3650

Conversions

Conversions Part 2

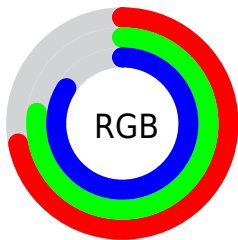
Format	Color
RYB	184, 193, 215
Decimal	12109015
CIELab	78.80, -0.26, -10.90
CIELCh	79, 10.900, 268.635
Yxy	54.5765, 0.2901, 0.3058
Android (android.graphics.Color)	4290299095 (0xFFB8C4D7)
YUV	194.5780, 10.0680, -9.2769
Hunter-Lab	73.8759, -4.1846, -6.1678

Details

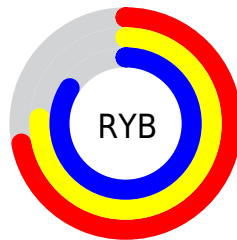
The Yxy color $54.5765, 0.2901, 0.3058$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $60.6367, 0.3362, 0.3512$, and the grayscale version is $54.2554, 0.3127, 0.3290$.

A 20% lighter version of the original color is $95.9958, 0.3036, 0.3270$, and $26.7094, 0.2846, 0.2996$ is the 20% darker color. If you saturate the color by 10%, you get $46.4334, 0.2734, 0.2874$, and if you desaturate by 10%, it is $63.6504, 0.3060, 0.3223$.

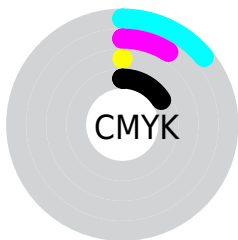
Distribution



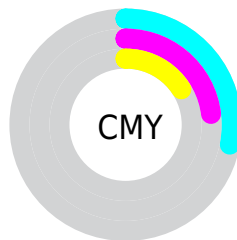
- Red (72%)
- Green (77%)
- Blue (84%)



- Red (72%)
- Yellow (76%)
- Blue (84%)



- Cyan (14%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (28%)
- Magenta (23%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 54.5765, 0.2901, 0.3058 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 54.5765, 0.2901, 0.3058 by changing the saturation by 10% instead.

■ 54.5765, 0.2901,
0.3058

■ 54.5765, 0.2901,
0.3058

404.3046, 0.3011,
0.3171

■ 39.0628, 0.2875,
0.3031

■ 96.9202, 0.2940,
0.3098

■ 26.8086, 0.2841,
0.2997

124.5189, 0.2955,
0.3113

■ 17.4295, 0.2798,
0.2952

156.9148, 0.2968,
0.3126

■ 10.5412, 0.2740,
0.2892

194.4921, 0.2979,
0.3138

■ 5.7592, 0.2656,
0.2806

237.6354, 0.2988,
0.3148

■ 2.6992, 0.2527,
0.2672

286.7290, 0.2997,

■ 0.9768, 0.2304,

0.3156

0.2442

342.1572, 0.3004,
0.3164

0.0000, 0.0000,
0.0000

54.5765, 0.2901,
0.3058

54.5765, 0.2901,
0.3058

46.4334, 0.2734,
0.2874

63.6504, 0.3060,
0.3223

39.1828, 0.2561,
0.2672

73.6782, 0.3209,
0.3369

32.7934, 0.2387,
0.2453

84.6907, 0.3347,
0.3498

27.2295, 0.2217,
0.2222

93.7572, 0.3373,
0.3622

22.4523, 0.2058,
0.1984

97.6883, 0.3363,
0.3680

■ 18.4195, 0.1916,
0.1747

■ 15.0835, 0.1798,
0.1520

■ 12.3892, 0.1709,
0.1313

■ 11.1260, 0.1669,
0.1207

Harmonies

Analogous

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



54.5765, 0.2851, 0.3128



54.5765, 0.2901, 0.3058



54.5765, 0.3011, 0.3050

Triad

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



54.5765, 0.2901, 0.3058



54.5765, 0.3389, 0.3326



54.5765, 0.3095, 0.3489

Complementary

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



54.5765, 0.2901, 0.3058



60.6367, 0.3362, 0.3512

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.



54.5765, 0.3239, 0.3542



54.5765, 0.2901, 0.3058



54.5765, 0.3411, 0.3444

Square

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



54.5765, 0.2901, 0.3058



54.5765, 0.3294, 0.3202



54.5765, 0.3356, 0.3524



54.5765, 0.2961, 0.3378

Rectangle

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



54.5765, 0.2901, 0.3058



54.5765, 0.3106, 0.3079



54.5765, 0.3356, 0.3524



54.5765, 0.3143, 0.3514

Sweetspot

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



54.5788, 0.2901, 0.3058



94.1914, 0.3066, 0.3229



63.1030, 0.2987, 0.3440



19.9325, 0.3054, 0.3217



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.



54.5788, 0.2901, 0.3058



76.8851, 0.2856, 0.3010



49.7619, 0.2920, 0.2910



12.7888, 0.2982, 0.3143



6.8434, 0.1676, 0.1235



0.5709, 0.1773, 0.1583

Inverse Universe

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



52.7154, 0.3295, 0.3150



73.7971, 0.3332, 0.3122



66.0676, 0.3318, 0.3648



12.4996, 0.3231, 0.3200



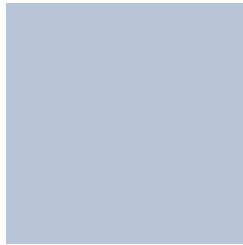
9.0357, 0.5417, 0.2758



0.5610, 0.4952, 0.2502

Previews

White Background



This preview shows how the Yxy color 54.5765, 0.2901, 0.3058 looks on a white background.

Color Contrast Check

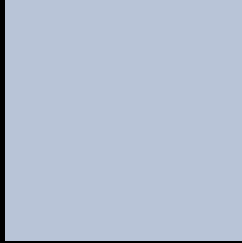
Large Text (above 18pt) WCAG AA × Fail

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 54.5765, 0.2901, 0.3058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

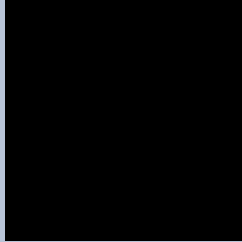
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

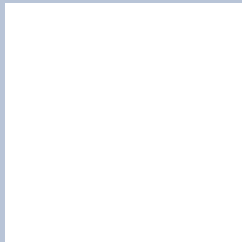
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 54.5765, 0.2901, 0.3058

Background



This preview shows how black text looks on a background with the Yxy color 54.5765, 0.2901, 0.3058.



This preview shows how white text looks on a background with the Yxy color 54.5765, 0.2901, 0.3058.

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

54.5765, 0.2901, 0.3058

Protanopia

54.7251, 0.2982, 0.3062

Deuteranopia

54.6221, 0.3046, 0.2986



Tritanopia

54.3006, 0.2914, 0.3094

Trichromacy



Original Color

54.5765, 0.2901, 0.3058

Protanomaly

54.8324, 0.2952, 0.3061

Deuteranomaly

54.5275, 0.2991, 0.3005

Tritanomaly

54.3512, 0.2907, 0.3082

Monochromacy



Original Color

54.5765, 0.2901, 0.3058

Achromatopsia

54.5724, 0.3127, 0.3290

Achromatomaly

54.3708, 0.3045, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 54.5765, 0.2901, 0.3058 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(184, 196, 215)` looks like.

```
.text, #text, p{  
    color:rgb(184, 196, 215)  
}
```

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(184, 196, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 196, 215) }
```

Border

The CSS property to change the border of an element to Yxy 54.5765, 0.2901, 0.3058 is called "border". The border property can be set on classes, ids or directly on the HTML element.

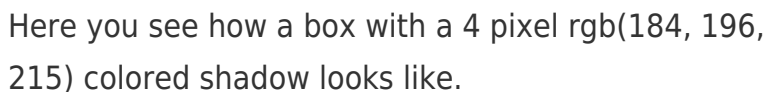
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(184, 196, 215) }
```

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

```
.border{ border-color:rgb(184, 196, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(184, 196, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(184, 196, 215); -webkit-box-shadow:4px 4px 4px 4px rgb(184, 196, 215); box-shadow:4px 4px 4px 4px rgb(184, 196, 215) }
```


Background

The CSS property to change the background color of an element to Yxy 54.5765, 0.2901, 0.3058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 196, 215) }
```

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

```
.background{ background-color: rgb(184,  
196, 215) }
```

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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