

Converting Colors

$Yxy(65.0889, 0.2876, 0.3025)$

Have a look what the booklet for
Yxy(65.0889, 0.2876, 0.3025)
contains.

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Color

Yxy(65.0909, 0.2878, 0.3030)

Conversions

Conversions Part 1

Format	Color
Hex	C6D4EB
RGB	198, 212, 235
RGB Percent	78%, 83%, 92%
CMY	0.2236, 0.1686, 0.0784
CMYK	0.16, 0.10, 0.00, 0.08
HSL	217°, 48%, 85%
HSV	217°, 16%, 92%
XYZ	61.8256, 65.0909, 87.9049
YIQ	210.4360, -15.7270, 4.1850

Conversions

Conversions Part 2

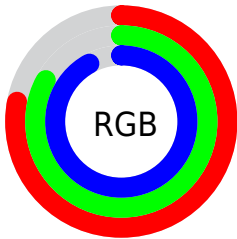
Format	Color
R _Y B	198, 208, 235
Decimal	13030635
CIE Lab	84.53, -0.10, -12.90
CIE LCh	85, 12.901, 269.571
Yxy	65.0909, 0.2878, 0.3030
Android (android.graphics.Color)	4291220715 (0xFFC6D4EB)
YUV	210.4360, 12.1101, -10.9064
Hunter-Lab	80.6789, -4.4006, -8.1251

Details

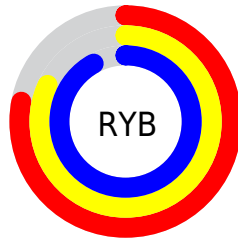
The Yxy color $65.0909, 0.2878, 0.3030$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $73.4460, 0.3386, 0.3537$, and the grayscale version is $64.6774, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $33.2979, 0.2820, 0.2963$ is the 20% darker color. If you saturate the color by 10%, you get $55.1709, 0.2709, 0.2840$, and if you desaturate by 10%, it is $76.1719, 0.3039, 0.3201$.

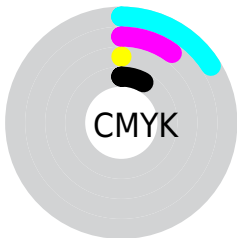
Distribution



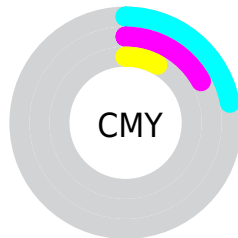
- Red (78%)
- Green (83%)
- Blue (92%)



- Red (78%)
- Yellow (82%)
- Blue (92%)



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)
- Black (8%)



- Cyan (22%)
- Magenta (17%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.0909, 0.2878, 0.3030 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 65.0909, 0.2878, 0.3030 by changing the saturation by 10% instead.

■ 65.0909, 0.2878,
0.3030

■ 65.0909, 0.2878,
0.3030

443.1186, 0.2995,
0.3152

■ 47.5348, 0.2851,
0.3002

112.1805, 0.2919,
0.3073

■ 33.4586, 0.2817,
0.2966

142.4828, 0.2935,
0.3089

■ 22.4780, 0.2774,
0.2921

177.8027, 0.2948,
0.3103

■ 14.2086, 0.2717,
0.2862

218.5244, 0.2960,
0.3116

■ 8.2659, 0.2639,
0.2780

265.0325, 0.2970,
0.3127

■ 4.2655, 0.2524,
0.2660

317.7113, 0.2980,

■ 1.8232, 0.2342,

0.3136

0.2469

376.9452, 0.2988,
0.3145

0.5016, 0.1890,
0.1999

0.0000, 0.0000,
0.0000

65.0909, 0.2878,
0.3030

65.0909, 0.2878,
0.3030

55.1709, 0.2709,
0.2840

76.1719, 0.3039,
0.3201

46.3636, 0.2534,
0.2631

88.4439, 0.3190,
0.3352

38.6290, 0.2358,
0.2406

98.7784, 0.3244,
0.3483

31.9214, 0.2187,
0.2169

■ 26.1913, 0.2028,
0.1926

■ 21.3842, 0.1888,
0.1687

■ 17.4389, 0.1774,
0.1460

■ 14.2834, 0.1689,
0.1254

■ 13.1424, 0.1660,
0.1175

Harmonies

Analogous

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



65.0909, 0.2820, 0.3105



65.0909, 0.2878, 0.3030



65.0909, 0.3002, 0.3024

Triad

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



65.0909, 0.2878, 0.3030



65.0909, 0.3421, 0.3334



65.0909, 0.3085, 0.3509

Complementary

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



65.0909, 0.2878, 0.3030



73.4460, 0.3386, 0.3537

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.



65.0909, 0.3247, 0.3571



65.0909, 0.2878, 0.3030



65.0909, 0.3444, 0.3464

Square

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



65.0909, 0.2878, 0.3030



65.0909, 0.3318, 0.3196



65.0909, 0.3379, 0.3553



65.0909, 0.2938, 0.3384

Rectangle

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



65.0909, 0.2878, 0.3030



65.0909, 0.3108, 0.3057



65.0909, 0.3379, 0.3553



65.0909, 0.3140, 0.3539

Sweetspot

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



65.0936, 0.2878, 0.3030



92.7110, 0.3050, 0.3212



76.6344, 0.2971, 0.3448



19.6310, 0.3039, 0.3201



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.



65.0936, 0.2878, 0.3030



74.2159, 0.2822, 0.2969



58.9818, 0.2902, 0.2871



15.4838, 0.2980, 0.3140



7.5409, 0.1668, 0.1204



0.7724, 0.1745, 0.1480

Inverse Universe

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



62.8005, 0.3316, 0.3139



71.0986, 0.3364, 0.3105



80.4328, 0.3333, 0.3685



15.1484, 0.3233, 0.3201



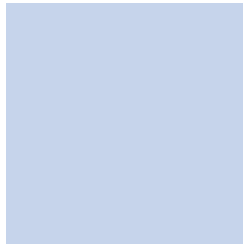
10.2541, 0.5461, 0.2782



0.8234, 0.5085, 0.2575

Previews

White Background



This preview shows how the Yxy color 65.0909, 0.2878, 0.3030 looks on a white background.

Color Contrast Check

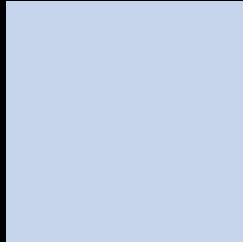
Large Text (above 18pt) WCAG AA × Fail

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 65.0909, 0.2878, 0.3030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

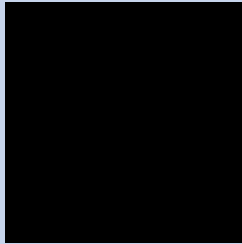
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

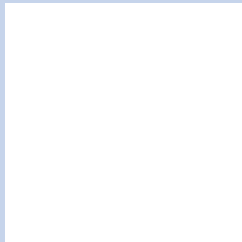
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.0909, 0.2878, 0.3030

Background



This preview shows how black text looks on a background with the Yxy color 65.0909, 0.2878, 0.3030.



This preview shows how white text looks on a background with the Yxy color 65.0909, 0.2878, 0.3030.

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

65.0909, 0.2878, 0.3030

Protanopia

64.8940, 0.2959, 0.3023

Deuteranopia

64.7788, 0.3018, 0.2953



Tritanopia

65.1720, 0.2903, 0.3096

Trichromacy



Original Color

65.0909, 0.2878, 0.3030

Protanomaly

64.8711, 0.2925, 0.3021

Deuteranomaly

65.0168, 0.2960, 0.2981

Tritanomaly

65.2850, 0.2890, 0.3074

Monochromacy



Original Color

65.0909, 0.2878, 0.3030

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.8248, 0.3037, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0909, 0.2878, 0.3030 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(198, 212, 235)` looks like.

```
.text, #text, p{  
    color:rgb(198, 212, 235)  
}
```

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(198, 212, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 212, 235) }
```

Border

The CSS property to change the border of an element to Yxy 65.0909, 0.2878, 0.3030 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(198, 212, 235) }
```

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

```
.border{ border-color:rgb(198, 212, 235) }
```

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

Here you see how a box with a 4 pixel rgb(198, 212, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 212, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 212, 235);  
box-shadow:4px 4px 4px 4px rgb(198, 212,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0909, 0.2878, 0.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 212, 235) }
```

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

```
.background{ background-color: rgb(198,  
212, 235) }
```

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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