

Converting Colors

Yxy(65.8629, 0.2918, 0.3075)

Have a look what the booklet for
Yxy(65.8629, 0.2918, 0.3075)
contains.

Yxy(65.8322, 0.2918, 0.3076)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(65.8322, 0.2918, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	C9D5E8
RGB	201, 213, 232
RGB Percent	79%, 84%, 91%
CMY	0.2116, 0.1647, 0.0903
CMYK	0.13, 0.08, 0.00, 0.09
HSL	217°, 40%, 85%
HSV	217°, 13%, 91%
XYZ	62.4507, 65.8322, 85.7360
YIQ	211.5780, -13.2510, 3.3650

Conversions

Conversions Part 2

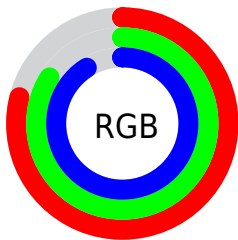
Format	Color
R _Y B	201, 210, 232
Decimal	13227496
CIE Lab	84.91, -0.28, -10.70
CIE LCh	85, 10.704, 268.500
Yxy	65.8322, 0.2918, 0.3076
Android (android.graphics.Color)	4291417576 (0xFFC9D5E8)
YUV	211.5780, 10.0680, -9.2769
Hunter-Lab	81.1370, -4.5994, -5.8547

Details

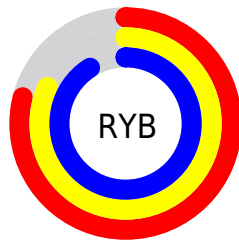
The Yxy color **65.8322, 0.2918, 0.3076** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.5610, 0.3344, 0.3495**, and the grayscale version is **65.4865, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **33.7914, 0.2871, 0.3023** is the 20% darker color. If you saturate the color by 10%, you get **56.0122, 0.2751, 0.2893**, and if you desaturate by 10%, it is **76.7711, 0.3077, 0.3240**.

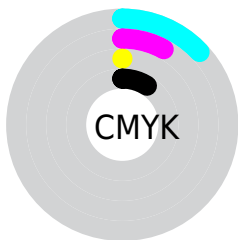
Distribution



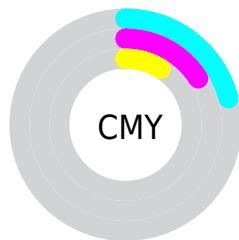
- Red (79%)
- Green (84%)
- Blue (91%)



- Red (79%)
- Yellow (82%)
- Blue (91%)



- Cyan (13%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (21%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 65.8322, 0.2918, 0.3076 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 65.8322, 0.2918, 0.3076 by changing the saturation by 10% instead.

■ 65.8322, 0.2918,
0.3076

■ 65.8322, 0.2918,
0.3076

445.7765, 0.3016,
0.3177

■ 48.1362, 0.2895,
0.3053

113.2455, 0.2952,
0.3111

■ 33.9348, 0.2867,
0.3024

143.7315, 0.2966,
0.3125

■ 22.8435, 0.2831,
0.2987

179.2497, 0.2977,
0.3136

■ 14.4780, 0.2783,
0.2938

220.1844, 0.2987,
0.3147

■ 8.4539, 0.2717,
0.2870

266.9201, 0.2996,
0.3156

■ 4.3867, 0.2621,
0.2771

319.8410, 0.3003,

■ 1.8921, 0.2466,

0.3163

0.2611

379.3317, 0.3010,
0.3170

■ 0.5437, 0.2086,
0.2224

■ 0.0000, 0.0000,
0.0000

■ 65.8322, 0.2918,
0.3076

■ 65.8322, 0.2918,
0.3076

■ 56.0122, 0.2751,
0.2893

■ 76.7711, 0.3077,
0.3240

■ 47.2651, 0.2578,
0.2692

■ 88.8565, 0.3225,
0.3385

■ 39.5537, 0.2403,
0.2474

■ 98.6045, 0.3262,
0.3513

■ 32.8350, 0.2231,
0.2242

■ 27.0630, 0.2070,
0.2003

■ 22.1869, 0.1926,
0.1765

■ 18.1503, 0.1805,
0.1536

■ 14.8876, 0.1713,
0.1326

■ 13.0856, 0.1666,
0.1199

Harmonies

Analogous

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



65.8322, 0.2872, 0.3141



65.8322, 0.2918, 0.3076



65.8322, 0.3020, 0.3068

Triad

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



65.8322, 0.2918, 0.3076



65.8322, 0.3368, 0.3323



65.8322, 0.3098, 0.3473

Complementary

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



65.8322, 0.2918, 0.3076



72.5610, 0.3344, 0.3495

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.



65.8322, 0.3231, 0.3522



65.8322, 0.2918, 0.3076



65.8322, 0.3389, 0.3432

Square

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



65.8322, 0.2918, 0.3076



65.8322, 0.3281, 0.3209



65.8322, 0.3339, 0.3506



65.8322, 0.2974, 0.3372

Rectangle

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



65.8322, 0.2918, 0.3076



65.8322, 0.3107, 0.3095



65.8322, 0.3339, 0.3506



65.8322, 0.3143, 0.3497

Sweetspot

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



65.8349, 0.2918, 0.3076



94.1897, 0.3066, 0.3229



75.2651, 0.2997, 0.3428



19.9321, 0.3054, 0.3217



0.0000, 0.0000, 0.0000



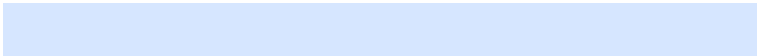
21.4041, 0.3127, 0.3290

Same Dimension

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



65.8349, 0.2918, 0.3076



78.1266, 0.2873, 0.3028



60.4713, 0.2936, 0.2940



14.7964, 0.2981, 0.3142



7.4932, 0.1675, 0.1228



0.7295, 0.1756, 0.1520

Inverse Universe

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



63.7458, 0.3281, 0.3161



75.1663, 0.3318, 0.3133



78.5529, 0.3304, 0.3622



14.4598, 0.3232, 0.3199



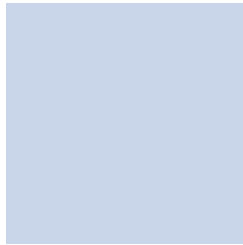
9.9542, 0.5426, 0.2763



0.7533, 0.5034, 0.2547

Previews

White Background



This preview shows how the Yxy color 65.8322, 0.2918, 0.3076 looks on a white background.

Color Contrast Check

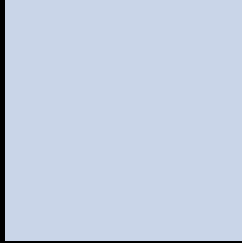
Large Text (above 18pt) WCAG AA × Fail

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 65.8322, 0.2918, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

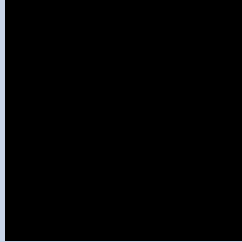
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

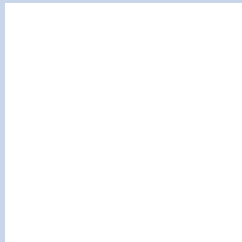
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 65.8322, 0.2918, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 65.8322, 0.2918, 0.3076.

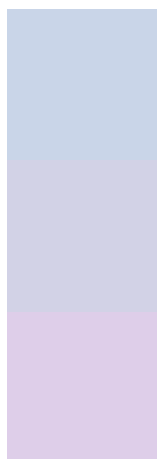


This preview shows how white text looks on a background with the Yxy color 65.8322, 0.2918, 0.3076.

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

65.8322, 0.2918, 0.3076

Protanopia

65.5080, 0.2993, 0.3068

Deuteranopia

65.5554, 0.3059, 0.2998



Tritanopia

65.7192, 0.2930, 0.3098

Trichromacy



Original Color

65.8322, 0.2918, 0.3076

Protanomaly

65.6235, 0.2965, 0.3067

Deuteranomaly

65.7803, 0.3001, 0.3026

Tritanomaly

65.7755, 0.2924, 0.3087

Monochromacy



Original Color

65.8322, 0.2918, 0.3076

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.6113, 0.3051, 0.3211

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.8322, 0.2918, 0.3076 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(201, 213, 232)` looks like.

```
.text, #text, p{  
    color:rgb(201, 213, 232)  
}
```

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(201, 213, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 213, 232) }
```

Border

The CSS property to change the border of an element to Yxy 65.8322, 0.2918, 0.3076 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(201, 213, 232) }
```

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

```
.border{ border-color:rgb(201, 213, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 213, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 213, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 213, 232);  
box-shadow:4px 4px 4px 4px rgb(201, 213,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 65.8322, 0.2918, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 213, 232) }
```

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

```
.background{ background-color: rgb(201,  
213, 232) }
```

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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