

Converting Colors

$Yxy(66.3543, 0.2830, 0.3084)$

Have a look what the booklet for
Yxy(66.3543, 0.2830, 0.3084)
contains.

Yxy(66.5710, 0.2828, 0.3084)	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(66.5710, 0.2828, 0.3084)

Conversions

Conversions Part 1

Format	Color
Hex	BED9EB
RGB	190, 217, 235
RGB Percent	75%, 85%, 92%
CMY	0.2549, 0.1490, 0.0784
CMYK	0.19, 0.08, 0.00, 0.08
HSL	204°, 53%, 83%
HSV	204°, 19%, 92%
XYZ	61.0450, 66.5710, 88.2433
YIQ	210.9790, -21.8700, -0.1260

Conversions

Conversions Part 2

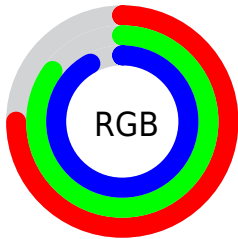
Format	Color
R _Y B	190, 207, 235
Decimal	12507627
CIE Lab	85.29, -5.19, -11.84
CIE LCh	85, 12.922, 246.332
Yxy	66.5710, 0.2828, 0.3084
Android (android.graphics.Color)	4290697707 (0xFFBED9EB)
YUV	210.9790, 11.8424, -18.3986
Hunter-Lab	81.5911, -9.2338, -7.0102

Details

The Yxy color **66.5710, 0.2828, 0.3084** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.5028, 0.3467, 0.3487**, and the grayscale version is **65.0599, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **34.3296, 0.2758, 0.3033** is the 20% darker color. If you saturate the color by 10%, you get **59.0761, 0.2670, 0.2960**, and if you desaturate by 10%, it is **74.8356, 0.2986, 0.3197**.

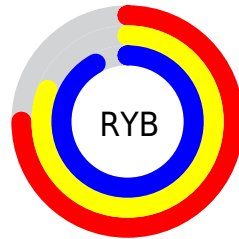
Distribution



Red (75%)

Green (85%)

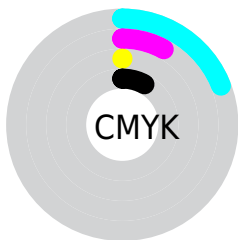
Blue (92%)



Red (75%)

Yellow (81%)

Blue (92%)

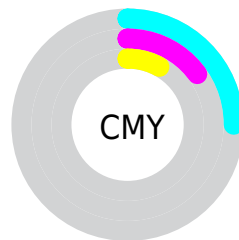


Cyan (19%)

Magenta (8%)

Yellow (0%)

Black (8%)



Cyan (25%)

Magenta (15%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.5710, 0.2828, 0.3084 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 66.5710, 0.2828, 0.3084 by changing the saturation by 10% instead.

■ 66.5710, 0.2828,
0.3084

■ 66.5710, 0.2828,
0.3084

■ 448.4162, 0.2967,
0.3182

■ 48.7361, 0.2796,
0.3061

■ 114.3055, 0.2877,
0.3118

■ 34.4102, 0.2756,
0.3033

■ 144.9738, 0.2895,
0.3132

■ 23.2089, 0.2706,
0.2996

■ 180.6888, 0.2912,
0.3143

■ 14.7478, 0.2640,
0.2947

■ 221.8347, 0.2926,
0.3153

■ 8.6426, 0.2549,
0.2880

■ 268.7960, 0.2938,
0.3161

■ 4.5088, 0.2418,
0.2780

■ 321.9571, 0.2949,

■ 1.9621, 0.2212,

0.3169

0.2618

381.7024, 0.2959,
0.3176

0.5853, 0.1671,
0.2276

0.0000, 0.0000,
0.0000

66.5710, 0.2828,
0.3084

66.5710, 0.2828,
0.3084

59.0761, 0.2670,
0.2960

74.8356, 0.2986,
0.3197

52.3149, 0.2515,
0.2826

83.8880, 0.3140,
0.3298

46.2601, 0.2367,
0.2682

92.6966, 0.3253,
0.3390

40.8793, 0.2230,
0.2531

98.5397, 0.3244,
0.3479

■ 36.1368, 0.2109,
0.2376

■ 98.7793, 0.3244,
0.3483

■ 31.9923, 0.2007,
0.2219

■ 28.3991, 0.1926,
0.2064

■ 25.2872, 0.1866,
0.1914

■ 25.0395, 0.1862,
0.1901

Harmonies

Analogous

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



66.5710, 0.2831, 0.3203



66.5710, 0.2828, 0.3084



66.5710, 0.2902, 0.3024

Triad

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



66.5710, 0.2828, 0.3084



66.5710, 0.3345, 0.3227



66.5710, 0.3211, 0.3563

Complementary

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



66.5710, 0.2828, 0.3084



66.5028, 0.3467, 0.3487

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.



66.5710, 0.3353, 0.3562



66.5710, 0.2828, 0.3084



66.5710, 0.3432, 0.3365

Square

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



66.5710, 0.2828, 0.3084



66.5710, 0.3200, 0.3107



66.5710, 0.3435, 0.3488



66.5710, 0.3050, 0.3484

Rectangle

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



66.5710, 0.2828, 0.3084



66.5710, 0.2987, 0.3022



66.5710, 0.3435, 0.3488



66.5710, 0.3263, 0.3572

Sweetspot

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



66.5737, 0.2828, 0.3084



93.3682, 0.3034, 0.3230



74.9295, 0.2995, 0.3600



19.8347, 0.3024, 0.3223



0.0000, 0.0000, 0.0000



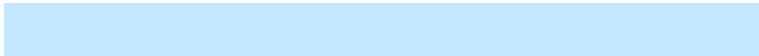
21.4041, 0.3127, 0.3290

Same Dimension

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



66.5737, 0.2828, 0.3084



76.4511, 0.2766, 0.3036



55.7535, 0.2812, 0.2818



16.0518, 0.2981, 0.3193



14.1895, 0.1868, 0.1925



1.3016, 0.1926, 0.2134

Inverse Universe

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



59.5021, 0.3287, 0.2999



66.6974, 0.3326, 0.2936



78.2655, 0.3424, 0.3722



15.2058, 0.3199, 0.3150



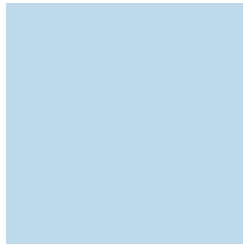
10.9252, 0.4539, 0.2274



0.8768, 0.4304, 0.2145

Previews

White Background



This preview shows how the Yxy color 66.5710, 0.2828, 0.3084 looks on a white background.

Color Contrast Check

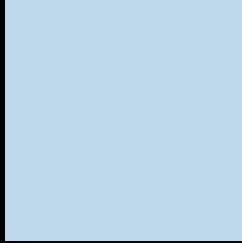
Large Text (above 18pt) WCAG AA × Fail

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 66.5710, 0.2828, 0.3084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

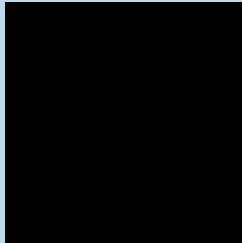
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

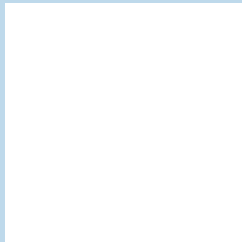
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.5710, 0.2828, 0.3084

Background



This preview shows how black text looks on a background with the Yxy color 66.5710, 0.2828, 0.3084.



This preview shows how white text looks on a background with the Yxy color 66.5710, 0.2828, 0.3084.

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

66.5710, 0.2828, 0.3084

Protanopia

66.2069, 0.2993, 0.3068

Deuteranopia

66.2697, 0.3032, 0.2967



Tritanopia

66.5134, 0.2834, 0.3095

Trichromacy



Original Color

66.5710, 0.2828, 0.3084

Protanomaly

66.1112, 0.2931, 0.3077

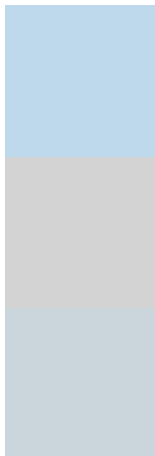
Deuteranomaly

66.3463, 0.2954, 0.3014

Tritanomaly

66.5134, 0.2834, 0.3095

Monochromacy



Original Color

66.5710, 0.2828, 0.3084

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.4523, 0.3008, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.5710, 0.2828, 0.3084 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(190, 217, 235)` looks like.

```
.text, #text, p{  
    color:rgb(190, 217, 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(190, 217, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 217, 235) }
```

Border

The CSS property to change the border of an element to Yxy 66.5710, 0.2828, 0.3084 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(190, 217, 235) }
```

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

```
.border{ border-color:rgb(190, 217, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 217, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 217, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 217, 235);  
box-shadow:4px 4px 4px 4px rgb(190, 217,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 66.5710, 0.2828, 0.3084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 217, 235) }
```

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

```
.background{ background-color: rgb(190,  
217, 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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