

Converting Colors

$Yxy(66.1752, 0.2941, 0.3209)$

Have a look what the booklet for
Yxy(66.1752, 0.2941, 0.3209)
contains.

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Color

Yxy(66.1752, 0.2941, 0.3209)

Conversions

Conversions Part 1

Format	Color
Hex	C4D8DF
RGB	196, 216, 223
RGB Percent	77%, 85%, 87%
CMY	0.2312, 0.1530, 0.1255
CMYK	0.12, 0.03, 0.00, 0.13
HSL	196°, 30%, 82%
HSV	196°, 12%, 87%
XYZ	60.6486, 66.1752, 79.3937
YIQ	210.8180, -14.1670, -2.0630

Conversions

Conversions Part 2

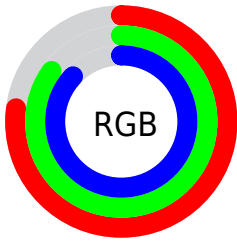
Format	Color
R _Y B	196, 207, 223
Decimal	12900575
CIE Lab	85.09, -5.26, -5.73
CIE LCh	85, 7.774, 227.459
Yxy	66.1752, 0.2941, 0.3209
Android (android.graphics.Color)	4291090655 (0xFFC4D8DF)
YUV	210.8180, 6.0057, -12.9954
Hunter-Lab	81.3481, -9.2797, -0.9219

Details

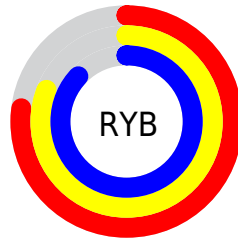
The Yxy color **66.1752, 0.2941, 0.3209** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4156, 0.3335, 0.3370**, and the grayscale version is **64.9876, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **34.0677, 0.2894, 0.3183** is the 20% darker color. If you saturate the color by 10%, you get **60.4852, 0.2789, 0.3135**, and if you desaturate by 10%, it is **72.4202, 0.3095, 0.3277**.

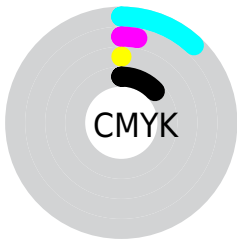
Distribution



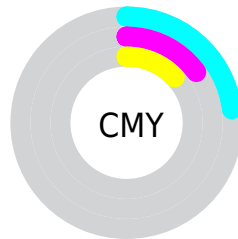
- Red (77%)
- Green (85%)
- Blue (87%)



- Red (77%)
- Yellow (81%)
- Blue (87%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (13%)



- Cyan (23%)
- Magenta (15%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.1752, 0.2941, 0.3209 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 66.1752, 0.2941, 0.3209 by changing the saturation by 10% instead.

■ 66.1752, 0.2941,
0.3209

■ 66.1752, 0.2941,
0.3209

447.0032, 0.3028,
0.3248

■ 48.4146, 0.2921,
0.3200

113.7378, 0.2971,
0.3223

■ 34.1554, 0.2896,
0.3188

144.3085, 0.2983,
0.3228

■ 23.0130, 0.2864,
0.3173

179.9182, 0.2993,
0.3232

■ 14.6031, 0.2821,
0.3154

220.9511, 0.3002,
0.3236

■ 8.5413, 0.2763,
0.3126

267.7917, 0.3010,
0.3240

■ 4.4432, 0.2677,
0.3083

320.8243, 0.3017,

■ 1.9245, 0.2539,

0.3243

0.3012

380.4333, 0.3023,
0.3245

0.5630, 0.2050,
0.2838

0.0000, 0.0000,
0.0000

66.1752, 0.2941,
0.3209

66.1752, 0.2941,
0.3209

60.4852, 0.2789,
0.3135

72.4202, 0.3095,
0.3277

55.3214, 0.2642,
0.3054

79.2312, 0.3248,
0.3338

50.6643, 0.2502,
0.2967

85.0914, 0.3343,
0.3394

46.4902, 0.2375,
0.2876

88.4378, 0.3335,
0.3450

■ 42.7728, 0.2262,
0.2781

■ 91.8933, 0.3328,
0.3507

■ 39.4831, 0.2167,
0.2684

■ 95.4588, 0.3321,
0.3562

■ 36.5876, 0.2092,
0.2586

■ 98.1082, 0.3315,
0.3601

■ 34.0464, 0.2036,
0.2488

■ 32.2366, 0.2003,
0.2412

Harmonies

Analogous

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



66.1752, 0.2974, 0.3294



66.1752, 0.2941, 0.3209



66.1752, 0.2957, 0.3148

Triad

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



66.1752, 0.2941, 0.3209



66.1752, 0.3207, 0.3203



66.1752, 0.3235, 0.3459

Complementary

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



66.1752, 0.2941, 0.3209



62.4156, 0.3335, 0.3370

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.



66.1752, 0.3299, 0.3431



66.1752, 0.2941, 0.3209



66.1752, 0.3283, 0.3283

Square

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



66.1752, 0.2941, 0.3209



66.1752, 0.3110, 0.3146



66.1752, 0.3317, 0.3367



66.1752, 0.3143, 0.3440

Rectangle

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



66.1752, 0.2941, 0.3209



66.1752, 0.2994, 0.3128



66.1752, 0.3317, 0.3367



66.1752, 0.3261, 0.3455

Sweetspot

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



66.1780, 0.2941, 0.3209



96.4352, 0.3065, 0.3264



68.8229, 0.3069, 0.3525



20.5006, 0.3053, 0.3259



0.0000, 0.0000, 0.0000



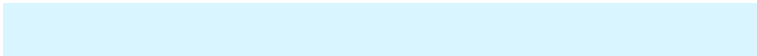
21.4041, 0.3127, 0.3290

Same Dimension

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



66.1780, 0.2941, 0.3209



87.2682, 0.2895, 0.3187



59.6793, 0.2938, 0.3054



14.9372, 0.2982, 0.3228



19.1453, 0.2008, 0.2427



1.4696, 0.2049, 0.2576

Inverse Universe

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



60.1456, 0.3193, 0.3069



77.3525, 0.3211, 0.3012



68.9255, 0.3316, 0.3515



13.8716, 0.3177, 0.3118



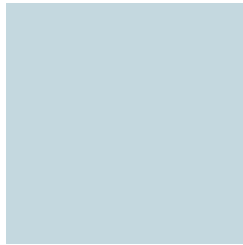
10.8408, 0.3996, 0.1975



0.7658, 0.3848, 0.1893

Previews

White Background



This preview shows how the Yxy color 66.1752, 0.2941, 0.3209 looks on a white background.

Color Contrast Check

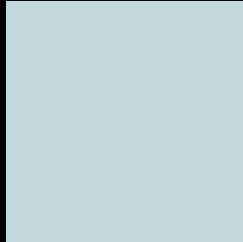
Large Text (above 18pt) WCAG AA × Fail

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 66.1752, 0.2941, 0.3209 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

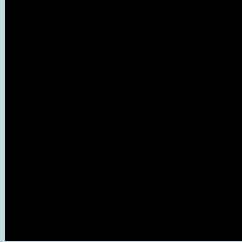
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

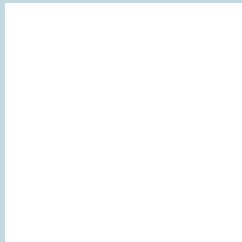
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.1752, 0.2941, 0.3209

Background



This preview shows how black text looks on a background with the Yxy color 66.1752, 0.2941, 0.3209.



This preview shows how white text looks on a background with the Yxy color 66.1752, 0.2941, 0.3209.

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

66.1752, 0.2941, 0.3209

Protanopia

66.0520, 0.3088, 0.3190

Deuteranopia

65.9097, 0.3152, 0.3085



Tritanopia

66.4328, 0.2898, 0.3097

Trichromacy



Original Color

66.1752, 0.2941, 0.3209

Protanomaly

66.0744, 0.3030, 0.3200

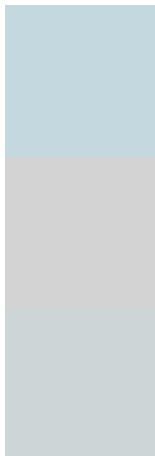
Deuteranomaly

66.0739, 0.3076, 0.3135

Tritanomaly

66.1283, 0.2910, 0.3130

Monochromacy



Original Color

66.1752, 0.2941, 0.3209

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.6166, 0.3063, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.1752, 0.2941, 0.3209 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(196, 216, 223)` looks like.

```
.text, #text, p{  
    color:rgb(196, 216, 223)  
}
```

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(196, 216, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 216, 223) }
```

Border

The CSS property to change the border of an element to Yxy 66.1752, 0.2941, 0.3209 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(196, 216, 223) }
```

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

```
.border{ border-color:rgb(196, 216, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 216, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 216, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 216, 223);  
box-shadow:4px 4px 4px 4px rgb(196, 216,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 66.1752, 0.2941, 0.3209 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 216, 223) }
```

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

```
.background{ background-color: rgb(196,  
216, 223) }
```

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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