

Converting Colors

$Yxy(67.7928, 0.2950, 0.3092)$

Have a look what the booklet for
Yxy(67.7928, 0.2950, 0.3092)
contains.

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Color

Yxy(67.7495, 0.2953, 0.3090)

Conversions

Conversions Part 1

Format	Color
Hex	CFD7E9
RGB	207, 215, 233
RGB Percent	81%, 84%, 91%
CMY	0.1881, 0.1569, 0.0863
CMYK	0.11, 0.08, 0.00, 0.09
HSL	222°, 37%, 86%
HSV	222°, 11%, 91%
XYZ	64.7457, 67.7495, 86.7588
YIQ	214.6600, -10.5460, 3.9020

Conversions

Conversions Part 2

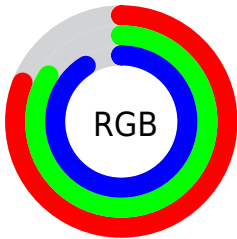
Format	Color
R _Y B	207, 213, 233
Decimal	13621225
CIE Lab	85.88, 0.80, -9.76
CIE LCh	86, 9.792, 274.677
Yxy	67.7495, 0.2953, 0.3090
Android (android.graphics.Color)	4291811305 (0xFFCFD7E9)
YUV	214.6600, 9.0416, -6.7178
Hunter-Lab	82.3101, -3.6332, -4.8775

Details

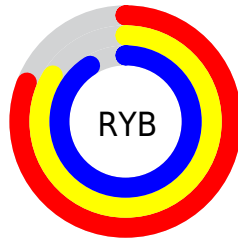
The Yxy color **67.7495, 0.2953, 0.3090** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **75.6988, 0.3303, 0.3482**, and the grayscale version is **67.6604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0882, 0.2917, 0.3043** is the 20% darker color. If you saturate the color by 10%, you get **56.8169, 0.2785, 0.2887**, and if you desaturate by 10%, it is **79.9949, 0.3110, 0.3271**.

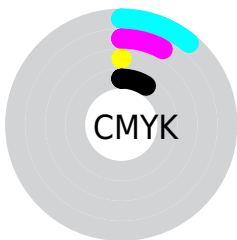
Distribution



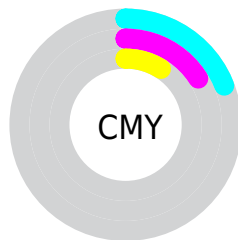
- Red (81%)
- Green (84%)
- Blue (91%)



- Red (81%)
- Yellow (84%)
- Blue (91%)



- Cyan (11%)
- Magenta (8%)
- Yellow (0%)
- Black (9%)



- Cyan (19%)
- Magenta (16%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.7495, 0.2953, 0.3090 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 67.7495, 0.2953, 0.3090 by changing the saturation by 10% instead.

■ 67.7495, 0.2953,
0.3090

■ 67.7495, 0.2953,
0.3090

452.6080, 0.3035,
0.3183

■ 49.6940, 0.2934,
0.3068

115.9937, 0.2981,
0.3123

■ 35.1703, 0.2911,
0.3042

146.9512, 0.2992,
0.3135

■ 23.7941, 0.2881,
0.3008

182.9781, 0.3002,
0.3146

■ 15.1809, 0.2842,
0.2963

224.4588, 0.3010,
0.3155

■ 8.9465, 0.2788,
0.2902

271.7778, 0.3017,
0.3164

■ 4.7063, 0.2709,
0.2812

325.3194, 0.3024,

■ 2.0760, 0.2582,

0.3171

0.2670

385.4680, 0.3029,
0.3178

0.6511, 0.2324,
0.2370

0.0000, 0.0000,
0.0000

67.7495, 0.2953,
0.3090

67.7495, 0.2953,
0.3090

56.8169, 0.2785,
0.2887

79.9949, 0.3110,
0.3271

47.1436, 0.2607,
0.2662

93.5874, 0.3254,
0.3430

38.6847, 0.2424,
0.2418

98.6635, 0.3256,
0.3503

31.3894, 0.2241,
0.2159

■ 25.2027, 0.2067,
0.1891

■ 20.0651, 0.1908,
0.1627

■ 15.9102, 0.1774,
0.1378

■ 12.6626, 0.1672,
0.1156

■ 10.4551, 0.1608,
0.0989

Harmonies

Analogous

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



67.7495, 0.2899, 0.3139



67.7495, 0.2953, 0.3090



67.7495, 0.3054, 0.3093

Triad

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



67.7495, 0.2953, 0.3090



67.7495, 0.3354, 0.3342



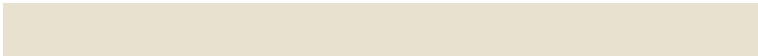
67.7495, 0.3076, 0.3440

Complementary

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



67.7495, 0.2953, 0.3090



75.6988, 0.3303, 0.3482

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.



67.7495, 0.3198, 0.3496



67.7495, 0.2953, 0.3090



67.7495, 0.3360, 0.3436

Square

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



67.7495, 0.2953, 0.3090



67.7495, 0.3286, 0.3237



67.7495, 0.3302, 0.3493



67.7495, 0.2969, 0.3342

Rectangle

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



67.7495, 0.2953, 0.3090



67.7495, 0.3134, 0.3124



67.7495, 0.3302, 0.3493



67.7495, 0.3116, 0.3464

Sweetspot

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



67.7523, 0.2953, 0.3090



95.2414, 0.3082, 0.3239



76.9744, 0.3005, 0.3380



20.1188, 0.3069, 0.3225



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.



67.7523, 0.2953, 0.3090



80.4525, 0.2922, 0.3053



64.4865, 0.2985, 0.3003



15.3029, 0.2980, 0.3122



6.1245, 0.1616, 0.1016



0.6457, 0.1692, 0.1289

Inverse Universe

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



66.8683, 0.3268, 0.3205



79.2504, 0.3296, 0.3189



79.3212, 0.3260, 0.3568



15.1302, 0.3245, 0.3218



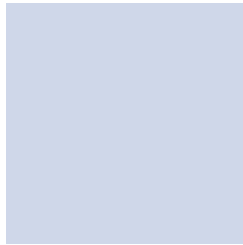
10.1111, 0.5734, 0.2933



0.8106, 0.5341, 0.2716

Previews

White Background



This preview shows how the Yxy color 67.7495, 0.2953, 0.3090 looks on a white background.

Color Contrast Check

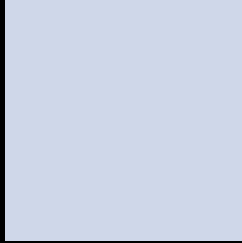
Large Text (above 18pt) WCAG AA × Fail

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 67.7495, 0.2953, 0.3090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

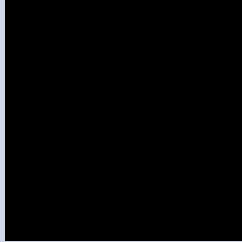
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

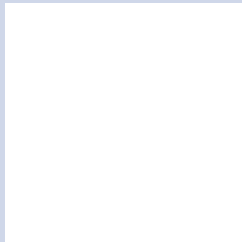
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.7495, 0.2953, 0.3090

Background



This preview shows how black text looks on a background with the Yxy color 67.7495, 0.2953, 0.3090.



This preview shows how white text looks on a background with the Yxy color 67.7495, 0.2953, 0.3090.

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

67.7495, 0.2953, 0.3090

Protanopia

67.5608, 0.3001, 0.3081

Deuteranopia

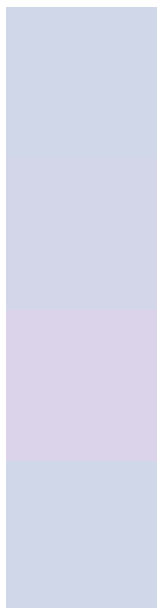
67.7102, 0.3081, 0.3023



Tritanopia

67.6925, 0.2959, 0.3101

Trichromacy



Original Color

67.7495, 0.2953, 0.3090

Protanomaly

67.7682, 0.2987, 0.3091

Deuteranomaly

67.5891, 0.3030, 0.3041

Tritanomaly

67.6925, 0.2959, 0.3101

Monochromacy



Original Color

67.7495, 0.2953, 0.3090

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.8719, 0.3059, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7495, 0.2953, 0.3090 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(207, 215, 233)` looks like.

```
.text, #text, p{  
    color:rgb(207, 215, 233)  
}
```

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(207, 215, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 215, 233) }
```

Border

The CSS property to change the border of an element to Yxy 67.7495, 0.2953, 0.3090 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(207, 215, 233) }
```

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

```
.border{ border-color:rgb(207, 215, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 215, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 215, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 215, 233);  
box-shadow:4px 4px 4px 4px rgb(207, 215,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7495, 0.2953, 0.3090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 215, 233) }
```

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

```
.background{ background-color: rgb(207,  
215, 233) }
```

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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