

Converting Colors

Yxy(66.6657, 0.3090, 0.3365)

Have a look what the booklet for
Yxy(66.6657, 0.3090, 0.3365)
contains.

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Color

Yxy(66.6943, 0.3095, 0.3370)

Conversions

Conversions Part 1

Format	Color
Hex	CDD8D1
RGB	205, 216, 209
RGB Percent	80%, 85%, 82%
CMY	0.1959, 0.1530, 0.1804
CMYK	0.05, 0.00, 0.03, 0.15
HSL	142°, 12%, 83%
HSV	142°, 5%, 85%
XYZ	61.2519, 66.6943, 69.9597
YIQ	211.9130, -4.3090, -4.5090

Conversions

Conversions Part 2

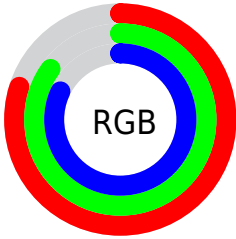
Format	Color
R_{YB}	205, 213, 216
Decimal	13490385
CIE Lab	85.35, -4.97, 2.16
CIE LCh	85, 5.419, 156.516
Yxy	66.6943, 0.3095, 0.3370
Android (android.graphics.Color)	4291680465 (0xFFCDD8D1)
YUV	211.9130, -1.4361, -6.0627
Hunter-Lab	81.6666, -9.0372, 6.3758

Details

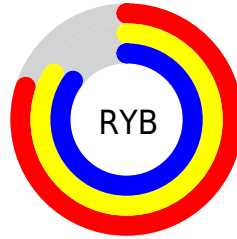
The Yxy color **66.6943, 0.3095, 0.3370** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.0443, 0.3161, 0.3211**, and the grayscale version is **65.7960, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **34.4356, 0.3085, 0.3381** is the 20% darker color. If you saturate the color by 10%, you get **63.1779, 0.3032, 0.3543**, and if you desaturate by 10%, it is **70.6999, 0.3158, 0.3217**.

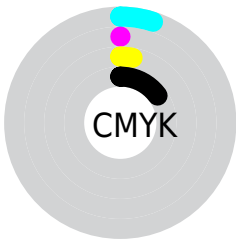
Distribution



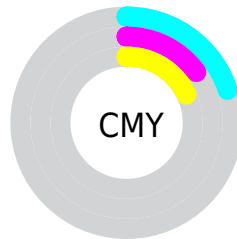
- Red (80%)
- Green (85%)
- Blue (82%)



- Red (80%)
- Yellow (84%)
- Blue (85%)



- Cyan (5%)
- Magenta (0%)
- Yellow (3%)
- Black (15%)



- Cyan (20%)
- Magenta (15%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 66.6943, 0.3095, 0.3370 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 66.6943, 0.3095, 0.3370 by changing the saturation by 10% instead.

■ 66.6943, 0.3095,
0.3370

■ 66.6943, 0.3095,
0.3370

448.8559, 0.3110,
0.3332

■ 48.8362, 0.3091,
0.3379

114.4823, 0.3100,
0.3357

■ 34.4896, 0.3087,
0.3390

145.1810, 0.3102,
0.3352

■ 23.2700, 0.3081,
0.3404

180.9286, 0.3104,
0.3347

■ 14.7930, 0.3073,
0.3423

222.1097, 0.3106,
0.3343

■ 8.6742, 0.3063,
0.3450

269.1086, 0.3107,
0.3340

■ 4.5293, 0.3047,
0.3489

322.3096, 0.3108,

■ 1.9738, 0.3020,

0.3337

382.0973, 0.3109,
0.3335

0.3555

0.5922, 0.2890,
0.3877

0.0000, 0.0000,
0.0000

66.6943, 0.3095,
0.3370

66.6943, 0.3095,
0.3370

63.1779, 0.3032,
0.3543

70.6999, 0.3158,
0.3217

60.1234, 0.2971,
0.3737

75.2039, 0.3221,
0.3082

57.5136, 0.2914,
0.3950

77.2988, 0.3175,
0.2953

55.3271, 0.2865,
0.4180

77.5867, 0.3145,
0.2910

■ 53.5406, 0.2827,
0.4424

■ 52.1282, 0.2802,
0.4673

■ 51.0614, 0.2795,
0.4920

■ 50.3068, 0.2805,
0.5154

■ 49.8241, 0.2833,
0.5365

Harmonies

Analogous

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



66.6943, 0.3163, 0.3403



66.6943, 0.3095, 0.3370



66.6943, 0.3036, 0.3316

Triad

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



66.6943, 0.3095, 0.3370



66.6943, 0.3033, 0.3178



66.6943, 0.3254, 0.3324

Complementary

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



66.6943, 0.3095, 0.3370



63.0443, 0.3161, 0.3211

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.



66.6943, 0.3219, 0.3264



66.6943, 0.3095, 0.3370



66.6943, 0.3091, 0.3181

Square

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



66.6943, 0.3095, 0.3370



66.6943, 0.3001, 0.3204



66.6943, 0.3159, 0.3212



66.6943, 0.3255, 0.3375

Rectangle

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



66.6943, 0.3095, 0.3370



66.6943, 0.3010, 0.3275



66.6943, 0.3159, 0.3212



66.6943, 0.3246, 0.3304

Sweetspot

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



66.6971, 0.3095, 0.3370



98.8370, 0.3114, 0.3321



67.5388, 0.3173, 0.3414



21.1674, 0.3115, 0.3320



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.



66.6971, 0.3095, 0.3370



96.5979, 0.3089, 0.3386



66.9671, 0.3060, 0.3308



14.1883, 0.3085, 0.3395



29.4111, 0.2842, 0.5432



1.7895, 0.2743, 0.5076

Inverse Universe

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



63.0443, 0.3161, 0.3211



90.2742, 0.3168, 0.3196



62.7781, 0.3199, 0.3272



13.1781, 0.3172, 0.3187



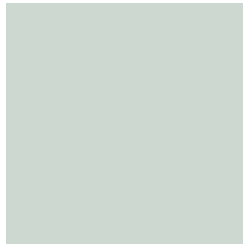
9.7535, 0.4369, 0.2181



0.6039, 0.4118, 0.2042

Previews

White Background



This preview shows how the Yxy color 66.6943, 0.3095, 0.3370 looks on a white background.

Color Contrast Check

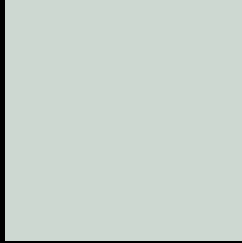
Large Text (above 18pt) WCAG AA × Fail

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 66.6943, 0.3095, 0.3370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

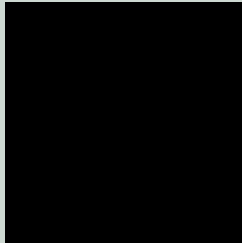
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

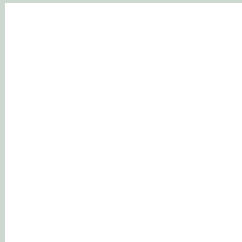
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.6943, 0.3095, 0.3370

Background



This preview shows how black text looks on a background with the Yxy color 66.6943, 0.3095, 0.3370.



This preview shows how white text looks on a background with the Yxy color 66.6943, 0.3095, 0.3370.

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

66.6943, 0.3095, 0.3370

Protanopia

66.4974, 0.3206, 0.3346

Deuteranopia

66.3382, 0.3306, 0.3237



Tritanopia

66.7116, 0.2979, 0.3101

Trichromacy



Original Color

66.6943, 0.3095, 0.3370

Protanomaly

66.2887, 0.3161, 0.3347

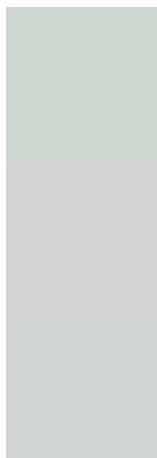
Deuteranomaly

66.4343, 0.3225, 0.3290

Tritanomaly

66.6325, 0.3024, 0.3200

Monochromacy



Original Color

66.6943, 0.3095, 0.3370

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.8470, 0.3111, 0.3313

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.6943, 0.3095, 0.3370 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(205, 216, 209)` looks like.

```
.text, #text, p{  
    color:rgb(205, 216, 209)  
}
```

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(205, 216, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 216, 209) }
```

Border

The CSS property to change the border of an element to Yxy 66.6943, 0.3095, 0.3370 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(205, 216, 209) }
```

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

```
.border{ border-color:rgb(205, 216, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 216, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 216, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 216, 209);  
box-shadow:4px 4px 4px 4px rgb(205, 216,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 66.6943, 0.3095, 0.3370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 216, 209) }
```

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

```
.background{ background-color: rgb(205,  
216, 209) }
```

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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