

Converting Colors

$Yxy(59.6979, 0.3135, 0.3303)$

Have a look what the booklet for
Yxy(59.6979, 0.3135, 0.3303)
contains.

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Color

Yxy(59.6726, 0.3134, 0.3302)

Conversions

Conversions Part 1

Format	Color
Hex	CBCBCA
RGB	203, 203, 202
RGB Percent	80%, 80%, 79%
CMY	0.2041, 0.2039, 0.2079
CMYK	0.00, 0.00, 0.01, 0.20
HSL	63°, 1%, 79%
HSV	63°, 1%, 80%
XYZ	56.6366, 59.6726, 64.4074
YIQ	202.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

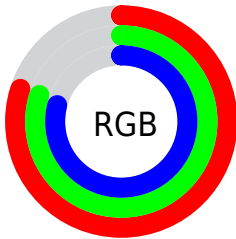
Format	Color
R _Y B	202, 203, 202
Decimal	13355978
CIE Lab	81.66, -0.20, 0.49
CIE LCh	82, 0.529, 112.104
Yxy	59.6726, 0.3134, 0.3302
Android (android.graphics.Color)	4291546058 (0xFFCBCBCA)
YUV	202.8860, -0.4368, 0.1000
Hunter-Lab	77.2480, -4.3118, 4.6392

Details

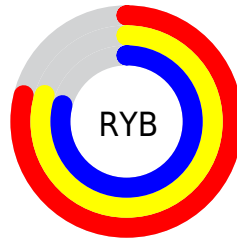
The Yxy color **59.6726, 0.3134, 0.3302** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1164, 0.3120, 0.3278**, and the grayscale version is **59.6463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.0226, 0.3137, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **58.6182, 0.3273, 0.3547**, and if you desaturate by 10%, it is **60.8598, 0.3001, 0.3069**.

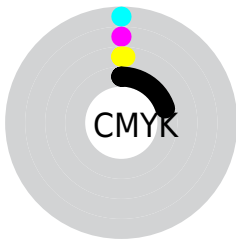
Distribution



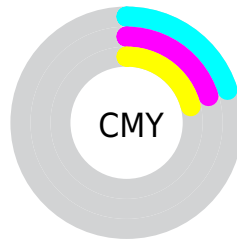
- Red (80%)
- Green (80%)
- Blue (79%)



- Red (79%)
- Yellow (80%)
- Blue (79%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (20%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.6726, 0.3134, 0.3302 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 59.6726, 0.3134, 0.3302 by changing the saturation by 10% instead.

■ 59.6726, 0.3134,
0.3302

■ 59.6726, 0.3134,
0.3302

423.3899, 0.3131,
0.3296

■ 43.1548, 0.3135,
0.3303

104.3546, 0.3133,
0.3300

■ 30.0066, 0.3136,
0.3305

133.2876, 0.3132,
0.3299

■ 19.8436, 0.3137,
0.3307

167.1277, 0.3132,
0.3299

■ 12.2814, 0.3139,
0.3310

206.2594, 0.3132,
0.3298

■ 6.9356, 0.3141,
0.3314

251.0671, 0.3131,
0.3298

■ 3.4219, 0.3145,
0.3321

301.9352, 0.3131,

■ 1.3557, 0.3151,

0.3297

0.3332

359.2480, 0.3131,
0.3297

0.1838, 0.3269,
0.3538

0.0000, 0.0000,
0.0000

59.6726, 0.3134,
0.3302

59.6726, 0.3134,
0.3302

58.6182, 0.3273,
0.3547

60.8598, 0.3001,
0.3069

57.6840, 0.3414,
0.3799

62.1767, 0.2876,
0.2851

56.8674, 0.3555,
0.4052

63.1108, 0.2807,
0.2727

56.1627, 0.3689,
0.4297

63.2731, 0.2814,
0.2728

■ 55.5639, 0.3811,
0.4525

■ 63.4365, 0.2822,
0.2729

■ 55.0644, 0.3915,
0.4725

■ 63.6010, 0.2830,
0.2731

■ 54.6567, 0.3998,
0.4889

■ 63.7668, 0.2837,
0.2732

■ 54.3324, 0.4055,
0.5010

■ 63.9337, 0.2845,
0.2733

■ 54.0815, 0.4086,
0.5088

■ 64.1017, 0.2853,
0.2734

Harmonies

Analogous

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



59.6726, 0.3139, 0.3301



59.6726, 0.3134, 0.3302



59.6726, 0.3127, 0.3300

Triad

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



59.6726, 0.3134, 0.3302



59.6726, 0.3114, 0.3284



59.6726, 0.3134, 0.3285

Complementary

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



59.6726, 0.3134, 0.3302



59.1164, 0.3120, 0.3278

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.



59.6726, 0.3127, 0.3280



59.6726, 0.3134, 0.3302



59.6726, 0.3116, 0.3280

Square

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



59.6726, 0.3134, 0.3302



59.6726, 0.3116, 0.3290



59.6726, 0.3121, 0.3278



59.6726, 0.3139, 0.3291

Rectangle

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



59.6726, 0.3134, 0.3302



59.6726, 0.3123, 0.3297



59.6726, 0.3121, 0.3278



59.6726, 0.3132, 0.3283

Sweetspot

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



59.6752, 0.3134, 0.3302

100.0000, 0.3127, 0.3290



59.2268, 0.3135, 0.3291



21.4041, 0.3127, 0.3290



0.0000, 0.0000, 0.0000

Same Dimension

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



59.6752, 0.3134, 0.3302



99.8100, 0.3141, 0.3314



59.6045, 0.3130, 0.3302



13.2634, 0.3140, 0.3313



34.3044, 0.4097, 0.5129



1.7796, 0.4117, 0.5113

Inverse Universe

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



59.1164, 0.3120, 0.3278



97.9299, 0.3113, 0.3266



59.1869, 0.3124, 0.3278



13.0316, 0.3114, 0.3267



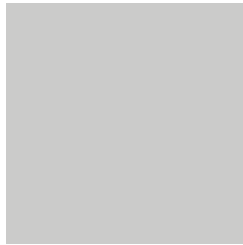
2.8034, 0.1519, 0.0611



0.1553, 0.1585, 0.0647

Previews

White Background



This preview shows how the Yxy color 59.6726, 0.3134, 0.3302 looks on a white background.

Color Contrast Check

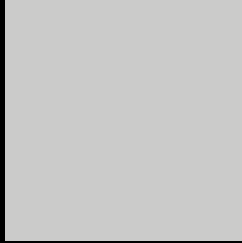
Large Text (above 18pt) WCAG AA × Fail

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 59.6726, 0.3134, 0.3302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

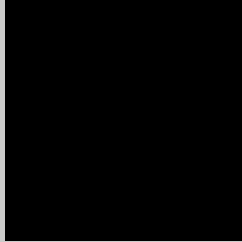
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

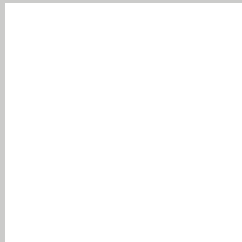
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.6726, 0.3134, 0.3302

Background



This preview shows how black text looks on a background with the Yxy color 59.6726, 0.3134, 0.3302.



This preview shows how white text looks on a background with the Yxy color 59.6726, 0.3134, 0.3302.

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

59.6726, 0.3134, 0.3302

Protanopia

59.7235, 0.3173, 0.3302

Deuteranopia

59.3212, 0.3283, 0.3211



Tritanopia

59.7622, 0.3044, 0.3105

Trichromacy



Original Color

59.6726, 0.3134, 0.3302

Protanomaly

59.5799, 0.3165, 0.3302

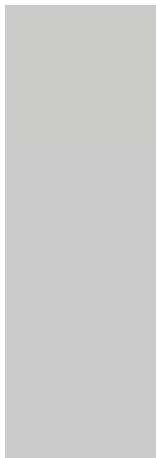
Deuteranomaly

59.6057, 0.3224, 0.3244

Tritanomaly

59.8319, 0.3072, 0.3174

Monochromacy



Original Color

59.6726, 0.3134, 0.3302

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.7202, 0.3127, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6726, 0.3134, 0.3302 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(203, 203, 202)` looks like.

```
.text, #text, p{  
    color:rgb(203, 203, 202)  
}
```

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(203, 203, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 203, 202) }
```

Border

The CSS property to change the border of an element to Yxy 59.6726, 0.3134, 0.3302 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(203, 203, 202) }
```

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

```
.border{ border-color:rgb(203, 203, 202) }
```

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

Here you see how a box with a 4 pixel rgb(203, 203, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 203, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 203, 202);  
box-shadow:4px 4px 4px 4px rgb(203, 203,  
202) }
```

Background

The CSS property to change the background color of an element to Yxy 59.6726, 0.3134, 0.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 203, 202) }
```

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

```
.background{ background-color: rgb(203,  
203, 202) }
```

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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