Converting Colors

Yxy(59.5124, 0.3117, 0.3238)

Have a look what the booklet for Yxy(59.5124, 0.3117, 0.3238) contains.

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Color

Yxy(59.6764, 0.3122, 0.3243)

Conversions

Format	Color
Hex	CDCACE
RGB	205, 202, 206
RGB Percent	80%, 79%, 81%
CMY	0.1959, 0.2079, 0.1921
CMYK	0.00, 0.02, 0.00, 0.19
HSL	286°, 4%, 80%
HSV	286°, 2%, 81%
XYZ	57.4498, 59.6764, 66.8898
YIQ	203.3530, 0.5040, 1.8800

Conversions Part 1

Conversions

Conversions Part 2

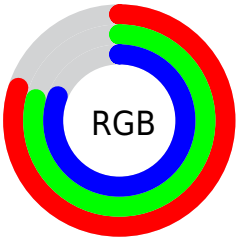
Format	Color
RYB	205, 202, 206
Decimal	13486798
CIELab	81.66, 1.80, -1.64
CIELCh	82, 2.430, 317.673
Yxy	59.6764, 0.3122, 0.3243
Android (android.graphics.Color)	4291676878 (0xFFCDCACE)
YUV	203.3530, 1.3050, 1.4444
Hunter-Lab	77.2505, -2.4411, 2.7372

Details

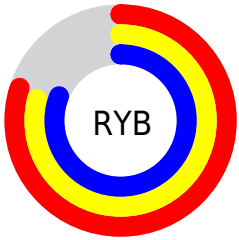
The Yxy color 59.6764, 0.3122, 0.3243 is a light color, and the websafe version is hex CCCCCC. A complement of this color would be 61.1007, 0.3132, 0.3337, and the grayscale version is 59.9518, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 30.0261, 0.3120, 0.3228 is the 20% darker color. If you saturate the color by 10%, you get 49.9625, 0.3092, 0.2994, and if you desaturate by 10%, it is 70.7077, 0.3146, 0.3477.

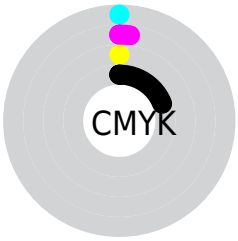
Distribution



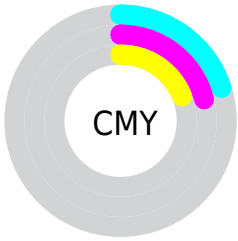
- Red (80%)
- Green (79%)
- Blue (81%)



- Red (80%)
- Yellow (79%)
- Blue (81%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (19%)



- Cyan (20%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.6764, 0.3122, 0.3243 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 59.6764, 0.3122, 0.3243 by changing the saturation by 10% instead.

59.6764, 0.3122, 0.3243

59.6764, 0.3122, 0.3243

423.4040, 0.3125, 0.3266

43.1579, 0.3121, 0.3238

104.3601, 0.3123, 0.3251

30.0090, 0.3121, 0.3231

133.2941, 0.3123, 0.3254

19.8454, 0.3120, 0.3222

167.1353, 0.3124, 0.3257

12.2827, 0.3118, 0.3211

206.2681, 0.3124, 0.3259

6.9365, 0.3116, 0.3194

251.0770, 0.3124, 0.3261

3.4224, 0.3113, 0.3169

301.9464, 0.3124,

1.3561, 0.3108,

0.3263

0.3126

359.2606, 0.3124, 0.3264

0.1840, 0.3049, 0.2565

0.0000, 0.0000, 0.0000

59.6764, 0.3122, 0.3243

59.6764, 0.3122, 0.3243

49.9625, 0.3092, 0.2994

70.7077, 0.3146, 0.3477

41.5075, 0.3056, 0.2733

83.0970, 0.3166, 0.3693

34.2595, 0.3014, 0.2466

91.1544, 0.3188, 0.3807

28.1603, 0.2965, 0.2201

91.9291, 0.3219, 0.3802

23.1468, 0.2910, 0.1949

92.7265, 0.3251, 0.3797

19.1494, 0.2850, 0.1721

93.5467, 0.3282, 0.3792

16.0908, 0.2787, 0.1526

94.3898, 0.3314, 0.3787

13.8820, 0.2723, 0.1374

95.2561, 0.3347, 0.3782

12.4166, 0.2659, 0.1269

96.1456, 0.3379, 0.3776

Harmonies

Analogous

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

59.6764, 0.3092, 0.3236

59.6764, 0.3122, 0.3243

59.6764, 0.3153, 0.3262

Triad

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

59.6764, 0.3122, 0.3243

59.6764, 0.3183, 0.3336

59.6764, 0.3077, 0.3292

Complementary

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

59.6764, 0.3122, 0.3243

61.1007, 0.3132, 0.3337

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.

59.6764, 0.3101, 0.3319

59.6764, 0.3122, 0.3243

59.6764, 0.3162, 0.3344

Square

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

59.6764, 0.3122, 0.3243

59.6764, 0.3188, 0.3316

59.6764, 0.3132, 0.3338

59.6764, 0.3067, 0.3264

Rectangle

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

59.6764, 0.3122, 0.3243

59.6764, 0.3171, 0.3279

59.6764, 0.3132, 0.3338

59.6764, 0.3084, 0.3301

Sweetspot

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

59.6790, 0.3122, 0.3243

98.2689, 0.3125, 0.3266

59.7205, 0.3098, 0.3254

21.0518, 0.3125, 0.3267

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.

59.6790, 0.3122, 0.3243

96.5597, 0.3122, 0.3241

59.7668, 0.3137, 0.3255

12.8625, 0.3122, 0.3245

7.2042, 0.2618, 0.1216

0.4050, 0.2739, 0.1283

Inverse Universe

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

59.6679, 0.3151, 0.3279

96.5413, 0.3152, 0.3278

61.0146, 0.3118, 0.3325

12.8602, 0.3150, 0.3279

8.2293, 0.5949, 0.3051

0.4368, 0.5380, 0.2737

Previews

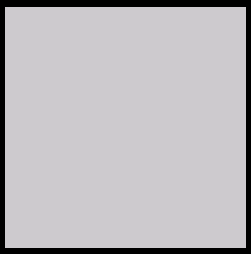
White Background

This preview shows how the Yxy color 59.6764, 0.3122, 0.3243 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



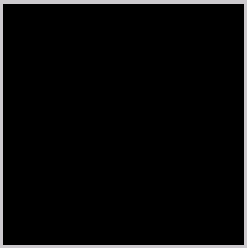
This preview shows how the Yxy color 59.6764, 0.3122, 0.3243 looks on a black background.

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 59.6764, 0.3122, 0.3243 Background



This preview shows how black text looks on a background with the Yxy color 59.6764, 0.3122, 0.3243.

This preview shows how white text looks on a background with the Yxy color 59.6764, 0.3122, 0.3243.

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
59.6764, 0.3122, 0.3243

Protanopia
59.8191, 0.3129, 0.3243

Deuteranopia
59.8097, 0.3243, 0.3178

Tritanopia
59.5318, 0.3067, 0.3106

Trichromacy

Original Color
59.6764, 0.3122, 0.3243

Protanomaly
59.8191, 0.3129, 0.3243

Deuteranomaly
59.7989, 0.3194, 0.3199

Tritanomaly
59.6486, 0.3087, 0.3163

Monochromacy

Original Color
59.6764, 0.3122, 0.3243

Achromatopsia
59.7202, 0.3127, 0.3290

Achromatomaly
59.9089, 0.3128, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.6764, 0.3122, 0.3243 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, 202, 206) looks like.

```
.text, #text, p{
    color:rgb(205, 202, 206)
}
```

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, 202, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 202, 206) }
```

Border

The CSS property to change the border of an element to Yxy 59.6764, 0.3122, 0.3243 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, 202, 206) }
```

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

```
.border{ border-color:rgb(205, 202, 206) }
```

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

Here you see how a box with a 4 pixel rgb(205, 202, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 202, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 202, 206); box-shadow:4px 4px 4px 4px rgb(205, 202, 206) }
```

Background

The CSS property to change the background color of an element to Yxy 59.6764, 0.3122, 0.3243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(205, 202, 206) }
```

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

```
.background{ background-color:rgb(205,
202, 206) }
```

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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