

Converting Colors

Yxy(60.0906, 0.3134, 0.3250)

Have a look what the booklet for
Yxy(60.0906, 0.3134, 0.3250)
contains.

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Color

Yxy(59.9627, 0.3137, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	CFCACE
RGB	207, 202, 206
RGB Percent	81%, 79%, 81%
CMY	0.1883, 0.2078, 0.1923
CMYK	0.00, 0.02, 0.00, 0.19
HSL	312°, 5%, 80%
HSV	312°, 2%, 81%
XYZ	57.9849, 59.9627, 66.8943
YIQ	203.9510, 1.6960, 2.3040

Conversions

Conversions Part 2

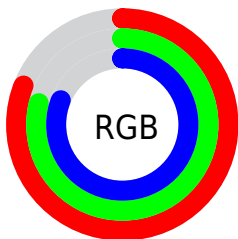
Format	Color
R _Y B	207, 202, 206
Decimal	13617870
CIE Lab	81.82, 2.43, -1.37
CIE LCh	82, 2.792, 330.596
Yxy	59.9627, 0.3137, 0.3244
Android (android.graphics.Color)	4291807950 (0xFFCFCAE)
YUV	203.9510, 1.0102, 2.6740
Hunter-Lab	77.4356, -1.8489, 2.9861

Details

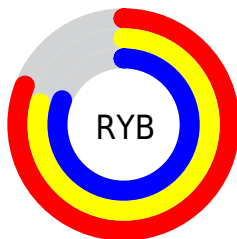
The Yxy color **59.9627, 0.3137, 0.3244** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4838, 0.3117, 0.3336**, and the grayscale version is **60.3421, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **30.2191, 0.3140, 0.3228** is the 20% darker color. If you saturate the color by 10%, you get **50.6946, 0.3182, 0.3047**, and if you desaturate by 10%, it is **70.5440, 0.3098, 0.3432**.

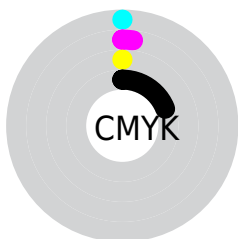
Distribution



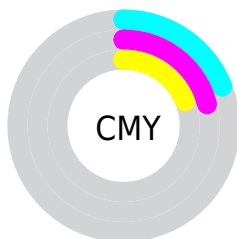
- Red (81%)
- Green (79%)
- Blue (81%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.9627, 0.3137, 0.3244 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 59.9627, 0.3137, 0.3244 by changing the saturation by 10% instead.

■ 59.9627, 0.3137,
0.3244

■ 59.9627, 0.3137,
0.3244

424.4603, 0.3132,
0.3266

■ 43.3886, 0.3138,
0.3239

104.7756, 0.3135,
0.3252

■ 30.1901, 0.3139,
0.3232

133.7831, 0.3135,
0.3255

■ 19.9829, 0.3141,
0.3224

167.7038, 0.3134,
0.3257

■ 12.3826, 0.3144,
0.3212

206.9223, 0.3134,
0.3260

■ 7.0048, 0.3147,
0.3196

251.8227, 0.3133,
0.3262

■ 3.4651, 0.3152,
0.3172

302.7896, 0.3133,

■ 1.3791, 0.3160,

0.3263

0.3130

360.2073, 0.3133,
0.3265

0.2013, 0.3269,
0.2624

0.0000, 0.0000,
0.0000

59.9627, 0.3137,
0.3244

59.9627, 0.3137,
0.3244

50.6946, 0.3182,
0.3047

70.5440, 0.3098,
0.3432

42.6804, 0.3234,
0.2843

82.4793, 0.3065,
0.3608

35.8677, 0.3293,
0.2638

89.8677, 0.3039,
0.3681

30.1976, 0.3360,
0.2440

90.0890, 0.3016,
0.3635

■ 25.6061, 0.3432,
0.2258

■ 90.3158, 0.2993,
0.3589

■ 22.0228, 0.3508,
0.2101

■ 90.5481, 0.2971,
0.3544

■ 19.3691, 0.3587,
0.1979

■ 90.7861, 0.2948,
0.3499

■ 17.5546, 0.3666,
0.1900

■ 91.0297, 0.2926,
0.3454

■ 16.4709, 0.3743,
0.1867

■ 91.2789, 0.2904,
0.3410

Harmonies

Analogous

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



59.9627, 0.3101, 0.3230



59.9627, 0.3137, 0.3244



59.9627, 0.3171, 0.3270

Triad

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



59.9627, 0.3137, 0.3244



59.9627, 0.3183, 0.3349



59.9627, 0.3062, 0.3278

Complementary

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



59.9627, 0.3137, 0.3244



61.4838, 0.3117, 0.3336

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.



59.9627, 0.3084, 0.3310



59.9627, 0.3137, 0.3244



59.9627, 0.3153, 0.3351

Square

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



59.9627, 0.3137, 0.3244



59.9627, 0.3197, 0.3331



59.9627, 0.3117, 0.3337



59.9627, 0.3058, 0.3249

Rectangle

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



59.9627, 0.3137, 0.3244



59.9627, 0.3187, 0.3291



59.9627, 0.3117, 0.3337



59.9627, 0.3068, 0.3289

Sweetspot

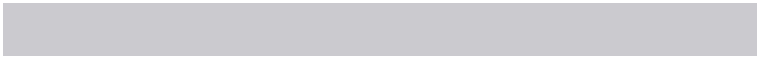
The Sweet Spot groups the original color and five complimentary colors.



59.9653, 0.3137, 0.3244



98.3508, 0.3131, 0.3271



59.4500, 0.3099, 0.3232



21.0685, 0.3131, 0.3272



0.0000, 0.0000, 0.0000



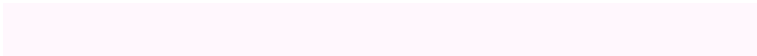
21.4041, 0.3127, 0.3290

Same Dimension

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



59.9653, 0.3137, 0.3244



95.1171, 0.3140, 0.3232



59.8460, 0.3155, 0.3273



13.1548, 0.3143, 0.3217



10.0918, 0.3789, 0.1861



0.5749, 0.3663, 0.1792

Inverse Universe

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



59.9653, 0.3137, 0.3244



95.1171, 0.3140, 0.3232



61.6026, 0.3100, 0.3307



13.1548, 0.3143, 0.3217



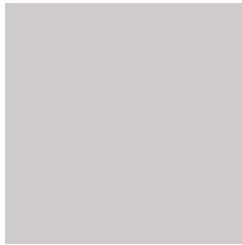
10.0918, 0.3789, 0.1861



0.5749, 0.3663, 0.1792

Previews

White Background



This preview shows how the Yxy color 59.9627, 0.3137, 0.3244 looks on a white background.

Color Contrast Check

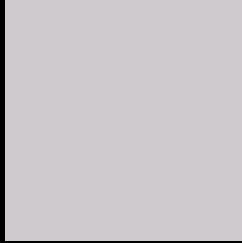
Large Text (above 18pt) WCAG AA × Fail

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 59.9627, 0.3137, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

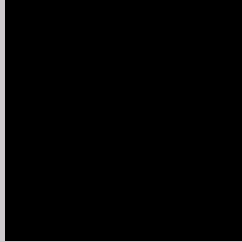
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

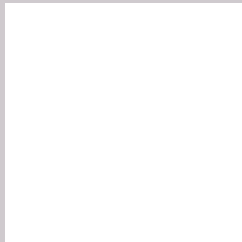
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.9627, 0.3137, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 59.9627, 0.3137, 0.3244.

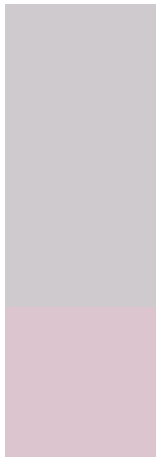


This preview shows how white text looks on a background with the Yxy color 59.9627, 0.3137, 0.3244.

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

59.9627, 0.3137, 0.3244

Protanopia

59.8191, 0.3129, 0.3243

Deuteranopia

59.8097, 0.3243, 0.3178



Tritanopia

59.8217, 0.3082, 0.3107

Trichromacy



Original Color

59.9627, 0.3137, 0.3244

Protanomaly

59.8191, 0.3129, 0.3243

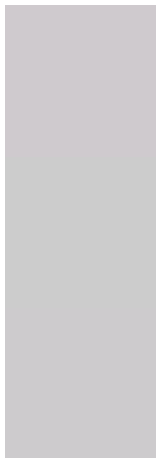
Deuteranomaly

59.9508, 0.3202, 0.3199

Tritanomaly

59.9367, 0.3102, 0.3163

Monochromacy



Original Color

59.9627, 0.3137, 0.3244

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

60.0988, 0.3128, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.9627, 0.3137, 0.3244 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, 202, 206)` looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 202, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 202, 206) }
```

Border

The CSS property to change the border of an element to Yxy 59.9627, 0.3137, 0.3244 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, 202, 206) }
```

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

```
.border{ border-color:rgb(207, 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(207, 202, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 202, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 202, 206);  
box-shadow:4px 4px 4px 4px rgb(207, 202,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 59.9627, 0.3137, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 202, 206) }
```

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

```
.background{ background-color: rgb(207,  
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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