

Converting Colors

Yxy(56.8130, 0.3247, 0.3389)

Have a look what the booklet for
Yxy(56.8130, 0.3247, 0.3389)
contains.

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Color

Yxy(57.0414, 0.3250, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	CDC6BD
RGB	205, 198, 189
RGB Percent	80%, 78%, 74%
CMY	0.1960, 0.2235, 0.2589
CMYK	0.00, 0.03, 0.08, 0.20
HSL	34°, 14%, 77%
HSV	34°, 8%, 80%
XYZ	54.5570, 57.0414, 56.2692
YIQ	199.0670, 7.0610, -1.3150

Conversions

Conversions Part 2

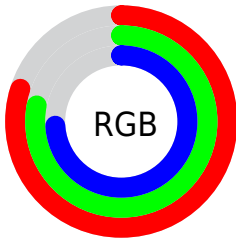
Format	Color
R _{YB}	201, 205, 189
Decimal	13485757
CIE Lab	80.20, 0.87, 5.37
CIE LCh	80, 5.440, 80.828
Yxy	57.0414, 0.3250, 0.3398
Android (android.graphics.Color)	4291675837 (0xFFC6DC6BD)
YUV	199.0670, -4.9630, 5.2032
Hunter-Lab	75.5258, -3.2284, 8.6950

Details

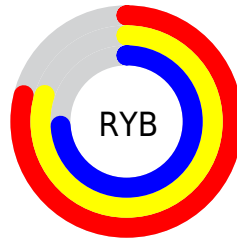
The Yxy color **57.0414, 0.3250, 0.3398** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.7020, 0.3008, 0.3180**, and the grayscale version is **57.1857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **28.3034, 0.3282, 0.3418** is the 20% darker color. If you saturate the color by 10%, you get **52.2376, 0.3425, 0.3543**, and if you desaturate by 10%, it is **62.2186, 0.3095, 0.3261**.

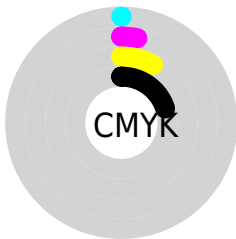
Distribution



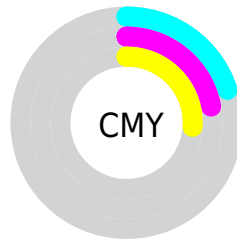
- Red (80%)
- Green (78%)
- Blue (74%)



- Red (79%)
- Yellow (80%)
- Blue (74%)



- Cyan (0%)
- Magenta (3%)
- Yellow (8%)
- Black (20%)



- Cyan (20%)
- Magenta (22%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.0414, 0.3250, 0.3398 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 57.0414, 0.3250, 0.3398 by changing the saturation by 10% instead.

■ 57.0414, 0.3250,
0.3398

■ 57.0414, 0.3250,
0.3398

413.6044, 0.3191,
0.3346

■ 41.0385, 0.3264,
0.3410

■ 100.5256, 0.3229,
0.3379

■ 28.3492, 0.3282,
0.3426

128.7757, 0.3221,
0.3372

■ 18.5890, 0.3306,
0.3447

161.8769, 0.3214,
0.3366

■ 11.3737, 0.3338,
0.3474

200.2137, 0.3208,
0.3361

■ 6.3188, 0.3383,
0.3514

244.1704, 0.3203,
0.3357

■ 3.0399, 0.3454,
0.3574

294.1316, 0.3198,

■ 1.1526, 0.3584,

0.3353

0.3685

350.4814, 0.3194,
0.3349

0.0225, 0.6543,
0.3457

0.0000, 0.0000,
0.0000

57.0414, 0.3250,
0.3398

57.0414, 0.3250,
0.3398

52.2376, 0.3425,
0.3543

62.2186, 0.3095,
0.3261

47.7904, 0.3621,
0.3693

67.7708, 0.2958,
0.3133

43.6923, 0.3837,
0.3843

73.7091, 0.2838,
0.3014

39.9330, 0.4071,
0.3986

78.9687, 0.2819,
0.3065

■ 36.5012, 0.4316,
0.4114

■ 84.1994, 0.2825,
0.3162

■ 33.3849, 0.4564,
0.4213

■ 89.6921, 0.2831,
0.3256

■ 30.5711, 0.4802,
0.4272

■ 91.7208, 0.2833,
0.3289

■ 28.0450, 0.5016,
0.4282

■ 25.7873, 0.5195,
0.4239

Harmonies

Analogous

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



57.0414, 0.3267, 0.3353



57.0414, 0.3250, 0.3398



57.0414, 0.3200, 0.3414

Triad

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



57.0414, 0.3250, 0.3398



57.0414, 0.3010, 0.3286



57.0414, 0.3123, 0.3187

Complementary

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



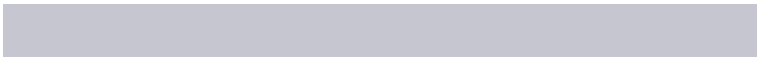
57.0414, 0.3250, 0.3398



54.7020, 0.3008, 0.3180

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.



57.0414, 0.3054, 0.3169



57.0414, 0.3250, 0.3398



57.0414, 0.2989, 0.3225

Square

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



57.0414, 0.3250, 0.3398



57.0414, 0.3061, 0.3349



57.0414, 0.3006, 0.3182



57.0414, 0.3193, 0.3232

Rectangle

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



57.0414, 0.3250, 0.3398



57.0414, 0.3155, 0.3406



57.0414, 0.3006, 0.3182



57.0414, 0.3099, 0.3178

Sweetspot

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



57.0439, 0.3250, 0.3398



98.2611, 0.3158, 0.3318



53.3639, 0.3204, 0.3204



21.0502, 0.3156, 0.3316



0.0000, 0.0000, 0.0000



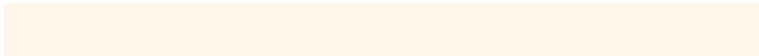
21.4041, 0.3127, 0.3290

Same Dimension

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



57.0439, 0.3250, 0.3398



92.3721, 0.3272, 0.3416



60.2088, 0.3236, 0.3480



12.2434, 0.3276, 0.3420



15.9559, 0.5214, 0.4242



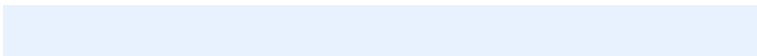
0.9726, 0.4962, 0.4442

Inverse Universe

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



54.7020, 0.3008, 0.3180



87.9396, 0.2987, 0.3160



51.7166, 0.3014, 0.3093



11.6377, 0.2983, 0.3156



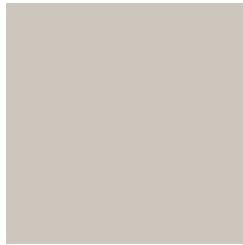
7.4413, 0.1719, 0.1389



0.5340, 0.1826, 0.1772

Previews

White Background



This preview shows how the Yxy color 57.0414, 0.3250, 0.3398 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 57.0414, 0.3250, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

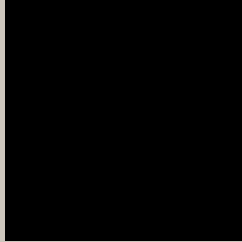
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

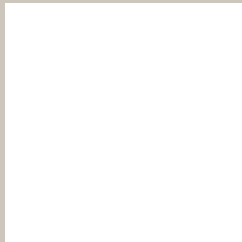
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.0414, 0.3250, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 57.0414, 0.3250, 0.3398.

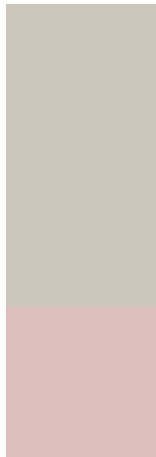


This preview shows how white text looks on a background with the Yxy color 57.0414, 0.3250, 0.3398.

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

57.0414, 0.3250, 0.3398

Protanopia

57.0414, 0.3250, 0.3398

Deuteranopia

56.7891, 0.3382, 0.3314



Tritanopia

57.0933, 0.3120, 0.3116

Trichromacy



Original Color

57.0414, 0.3250, 0.3398

Protanomaly

57.0414, 0.3250, 0.3398

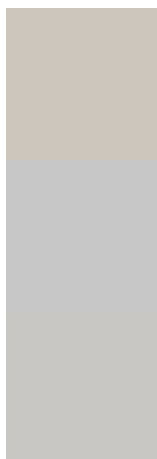
Deuteranomaly

56.7484, 0.3329, 0.3337

Tritanomaly

57.0095, 0.3170, 0.3220

Monochromacy



Original Color

57.0414, 0.3250, 0.3398

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.2045, 0.3172, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0414, 0.3250, 0.3398 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, 198, 189)` looks like.

```
.text, #text, p{  
    color:rgb(205, 198, 189)  
}
```

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, 198, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 198, 189) }
```

Border

The CSS property to change the border of an element to Yxy 57.0414, 0.3250, 0.3398 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, 198, 189) }
```

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

```
.border{ border-color:rgb(205, 198, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 198, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 198, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 198, 189); box-shadow:4px 4px 4px 4px rgb(205, 198, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 57.0414, 0.3250, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 198, 189) }
```

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

```
.background{ background-color: rgb(205,  
198, 189) }
```

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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