

Converting Colors

$Y_{xy}(57.0202, 0.3142, 0.3314)$

Have a look what the booklet for
Yxy(57.0202, 0.3142, 0.3314)
contains.

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Color

Yxy(57.0202, 0.3142, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	C7C7C5
RGB	199, 199, 197
RGB Percent	78%, 78%, 77%
CMY	0.2195, 0.2196, 0.2275
CMYK	0.00, 0.00, 0.01, 0.22
HSL	59°, 2%, 78%
HSV	59°, 1%, 78%
XYZ	54.0608, 57.0202, 60.9775
YIQ	198.7720, 0.6420, -0.6220

Conversions

Conversions Part 2

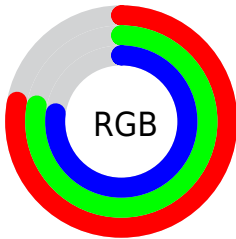
Format	Color
RYB	197, 199, 197
Decimal	13092805
CIELab	80.19, -0.35, 0.99
CIElCh	80, 1.051, 109.174
Yxy	57.0202, 0.3142, 0.3314
Android (android.graphics.Color)	4291282885 (0xFFC7C7C5)
YUV	198.7720, -0.8736, 0.2000
Hunter-Lab	75.5117, -4.3527, 4.9801

Details

The Yxy color **57.0202, 0.3142, 0.3314** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9440, 0.3112, 0.3266**, and the grayscale version is **56.9757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **28.2537, 0.3147, 0.3322** is the 20% darker color. If you saturate the color by 10%, you get **55.9952, 0.3290, 0.3554**, and if you desaturate by 10%, it is **58.1710, 0.3001, 0.3085**.

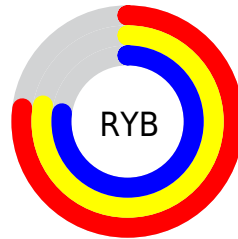
Distribution



Red (78%)

Green (78%)

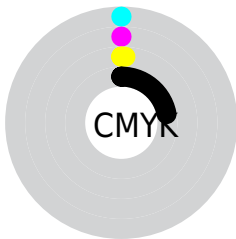
Blue (77%)



Red (77%)

Yellow (78%)

Blue (77%)

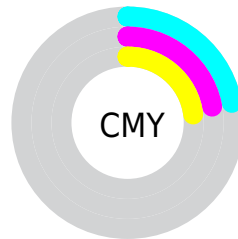


Cyan (0%)

Magenta (0%)

Yellow (1%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 57.0202, 0.3142, 0.3314 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 57.0202, 0.3142, 0.3314 by changing the saturation by 10% instead.

■ 57.0202, 0.3142,
0.3314

■ 57.0202, 0.3142,
0.3314

413.5250, 0.3135,
0.3303

■ 41.0215, 0.3144,
0.3317

100.4947, 0.3139,
0.3310

■ 28.3359, 0.3146,
0.3320

128.7392, 0.3138,
0.3308

■ 18.5790, 0.3149,
0.3325

161.8344, 0.3138,
0.3307

■ 11.3665, 0.3152,
0.3331

200.1647, 0.3137,
0.3306

■ 6.3139, 0.3158,
0.3340

244.1146, 0.3136,
0.3305

■ 3.0369, 0.3166,
0.3354

294.0683, 0.3136,

■ 1.1510, 0.3181,

0.3304

350.4103, 0.3135,
0.3303

0.3378

0.0211, 0.3557,
0.6443

0.0000, 0.0000,
0.0000

57.0202, 0.3142,
0.3314

57.0202, 0.3142,
0.3314

55.9952, 0.3290,
0.3554

58.1710, 0.3001,
0.3085

55.0840, 0.3443,
0.3799


59.4447, 0.2868,
0.2869

54.2840, 0.3595,
0.4043

60.7374, 0.2756,
0.2687

53.5899, 0.3741,
0.4278


60.9136, 0.2756,
0.2691

 52.9959, 0.3876,
0.4492

 61.0902, 0.2756,
0.2695

 52.4956, 0.3994,
0.4678


 61.2672, 0.2756,
0.2699


 52.0819, 0.4090,
0.4827

 61.4447, 0.2757,
0.2704

 51.7468, 0.4161,
0.4934

 61.6226, 0.2757,
0.2708

 51.4807, 0.4205,
0.4997

 61.8010, 0.2757,
0.2712

Harmonies

Analogous

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



57.0202, 0.3151, 0.3311



57.0202, 0.3142, 0.3314



57.0202, 0.3129, 0.3311

Triad

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



57.0202, 0.3142, 0.3314



57.0202, 0.3101, 0.3278



57.0202, 0.3139, 0.3278

Complementary

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



57.0202, 0.3142, 0.3314



55.9440, 0.3112, 0.3266

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.



57.0202, 0.3126, 0.3270



57.0202, 0.3142, 0.3314



57.0202, 0.3103, 0.3270

Square

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



57.0202, 0.3142, 0.3314



57.0202, 0.3105, 0.3290



57.0202, 0.3113, 0.3267



57.0202, 0.3150, 0.3290

Rectangle

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



57.0202, 0.3142, 0.3314



57.0202, 0.3120, 0.3306



57.0202, 0.3113, 0.3267



57.0202, 0.3135, 0.3275

Sweetspot

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



57.0227, 0.3142, 0.3314

100.0000, 0.3127, 0.3290



56.1123, 0.3143, 0.3289



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.



57.0227, 0.3142, 0.3314



99.8058, 0.3142, 0.3314



56.9109, 0.3135, 0.3315



12.5741, 0.3141, 0.3312



32.9799, 0.4226, 0.5026



1.5729, 0.4219, 0.5032

Inverse Universe

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



55.9440, 0.3112, 0.3266



97.9340, 0.3112, 0.3266



56.0551, 0.3120, 0.3265



12.3560, 0.3114, 0.3268



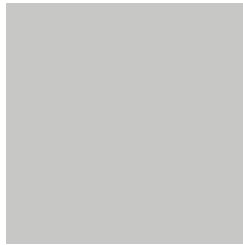
2.7191, 0.1504, 0.0614



0.1403, 0.1518, 0.0663

Previews

White Background



This preview shows how the Yxy color 57.0202, 0.3142, 0.3314 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 57.0202, 0.3142, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

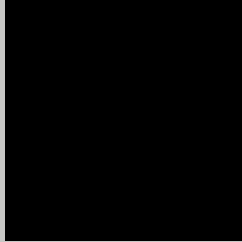
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

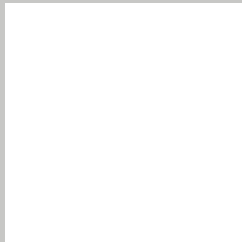
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.0202, 0.3142, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 57.0202, 0.3142, 0.3314.

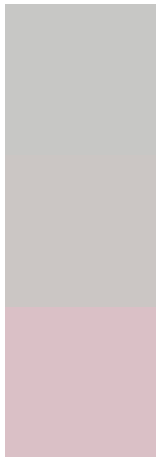


This preview shows how white text looks on a background with the Yxy color 57.0202, 0.3142, 0.3314.

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

57.0202, 0.3142, 0.3314

Protanopia

57.0702, 0.3181, 0.3314

Deuteranopia

56.6819, 0.3294, 0.3221



Tritanopia

57.1035, 0.3050, 0.3114

Trichromacy



Original Color

57.0202, 0.3142, 0.3314

Protanomaly

56.9302, 0.3173, 0.3314

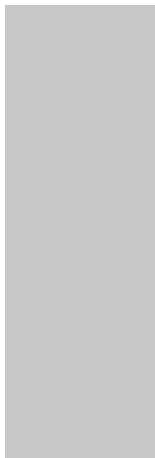
Deuteranomaly

56.9563, 0.3233, 0.3255

Tritanomaly

57.1725, 0.3078, 0.3183

Monochromacy



Original Color

57.0202, 0.3142, 0.3314

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.0662, 0.3134, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.0202, 0.3142, 0.3314 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(199, 199, 197)` looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 197)  
}
```

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(199, 199, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 197) }
```

Border

The CSS property to change the border of an element to Yxy 57.0202, 0.3142, 0.3314 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(199, 199, 197) }
```

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

```
.border{ border-color:rgb(199, 199, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 199, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 199, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 199, 197);  
box-shadow:4px 4px 4px 4px rgb(199, 199,  
197) }
```

Background

The CSS property to change the background color of an element to Yxy 57.0202, 0.3142, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 199, 197) }
```

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

```
.background{ background-color: rgb(199,  
199, 197) }
```

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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