

Converting Colors

Yxy(56.6813, 0.3165, 0.3354)

Have a look what the booklet for
Yxy(56.6813, 0.3165, 0.3354)
contains.

Yxy(56.8392, 0.3171, 0.3362)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.8392, 0.3171, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	C7C7C1
RGB	199, 199, 193
RGB Percent	78%, 78%, 76%
CMY	0.2195, 0.2196, 0.2430
CMYK	0.00, 0.00, 0.03, 0.22
HSL	60°, 5%, 77%
HSV	60°, 3%, 78%
XYZ	53.6101, 56.8392, 58.6144
YIQ	198.3160, 1.9260, -1.8660

Conversions

Conversions Part 2

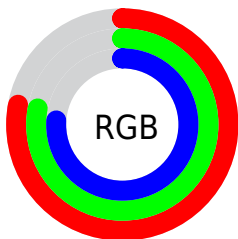
Format	Color
RYB	193, 199, 193
Decimal	13092801
CIELab	80.09, -1.06, 2.97
CIELCh	80, 3.158, 109.621
Yxy	56.8392, 0.3171, 0.3362
Android (android.graphics.Color)	4291282881 (0xFFC7C7C1)
YUV	198.3160, -2.6208, 0.5999
Hunter-Lab	75.3918, -5.0066, 6.6784

Details

The Yxy color **56.8392, 0.3171, 0.3362** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6345, 0.3083, 0.3217**, and the grayscale version is **56.6940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **28.1640, 0.3176, 0.3371** is the 20% darker color. If you saturate the color by 10%, you get **55.9603, 0.3320, 0.3607**, and if you desaturate by 10%, it is **57.8426, 0.3028, 0.3127**.

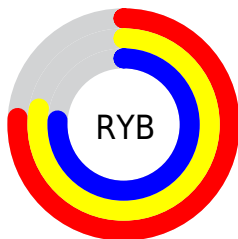
Distribution



Red (78%)

Green (78%)

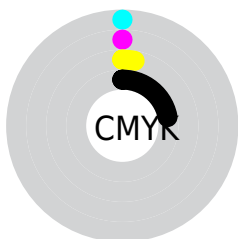
Blue (76%)



Red (76%)

Yellow (78%)

Blue (76%)

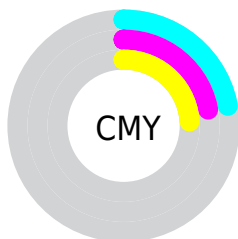


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (22%)



Cyan (22%)

Magenta (22%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.8392, 0.3171, 0.3362 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 56.8392, 0.3171, 0.3362 by changing the saturation by 10% instead.

■ 56.8392, 0.3171,
0.3362

■ 56.8392, 0.3171,
0.3362

412.8465, 0.3150,
0.3327

■ 40.8762, 0.3176,
0.3370

■ 100.2305, 0.3163,
0.3350

■ 28.2223, 0.3182,
0.3381

128.4276, 0.3161,
0.3345

■ 18.4933, 0.3191,
0.3395

161.4714, 0.3158,
0.3341

■ 11.3047, 0.3202,
0.3414

199.7465, 0.3156,
0.3337

■ 6.2722, 0.3218,
0.3441

243.6371, 0.3154,
0.3334

■ 3.0113, 0.3243,
0.3483

293.5278, 0.3153,

■ 1.1376, 0.3287,

0.3332

349.8027, 0.3151,
0.3329

0.3558

0.0099, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

56.8392, 0.3171,
0.3362

56.8392, 0.3171,
0.3362

55.9603, 0.3320,
0.3607

57.8426, 0.3028,
0.3127

55.1938, 0.3472,
0.3855

58.9676, 0.2893,
0.2906

54.5371, 0.3621,
0.4101

60.2209, 0.2768,
0.2700

53.9848, 0.3764,
0.4334

60.4177, 0.2755,
0.2679

■ 53.5309, 0.3893,
0.4545

■ 60.4697, 0.2755,
0.2680

■ 53.1690, 0.4004,
0.4725

■ 60.5217, 0.2755,
0.2681

■ 52.8918, 0.4091,
0.4867

■ 60.5738, 0.2755,
0.2683

■ 52.6911, 0.4153,
0.4966

■ 60.6259, 0.2755,
0.2684

■ 52.5566, 0.4189,
0.5023

■ 60.6780, 0.2755,
0.2685

Harmonies

Analogous

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



56.8392, 0.3199, 0.3352



56.8392, 0.3171, 0.3362



56.8392, 0.3131, 0.3352

Triad

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



56.8392, 0.3171, 0.3362



56.8392, 0.3047, 0.3254



56.8392, 0.3164, 0.3255

Complementary

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



56.8392, 0.3171, 0.3362



53.6345, 0.3083, 0.3217

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.



56.8392, 0.3123, 0.3229



56.8392, 0.3171, 0.3362



56.8392, 0.3056, 0.3228

Square

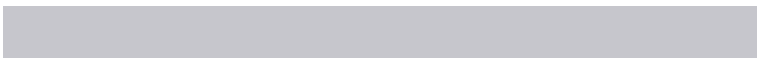
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



56.8392, 0.3171, 0.3362



56.8392, 0.3060, 0.3289



56.8392, 0.3083, 0.3219



56.8392, 0.3195, 0.3290

Rectangle

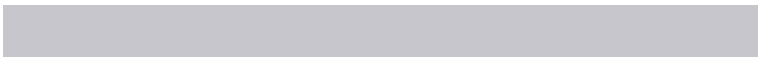
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.8392, 0.3171, 0.3362



56.8392, 0.3103, 0.3336



56.8392, 0.3083, 0.3219



56.8392, 0.3151, 0.3245

Sweetspot

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



56.8417, 0.3171, 0.3362



99.8276, 0.3142, 0.3314



54.1553, 0.3175, 0.3289



21.3690, 0.3141, 0.3313



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.



56.8417, 0.3171, 0.3362



99.3235, 0.3186, 0.3387



56.4644, 0.3148, 0.3363



12.4986, 0.3196, 0.3403



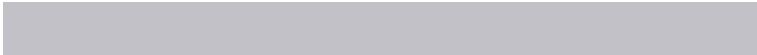
33.7459, 0.4203, 0.5045



1.6013, 0.4201, 0.5047

Inverse Universe

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



53.6345, 0.3083, 0.3217



91.8153, 0.3067, 0.3191



54.0043, 0.3106, 0.3217



11.4101, 0.3057, 0.3175



2.6716, 0.1501, 0.0604



0.1299, 0.1505, 0.0619

Previews

White Background



This preview shows how the Yxy color 56.8392, 0.3171, 0.3362 looks on a white background.

Color Contrast Check

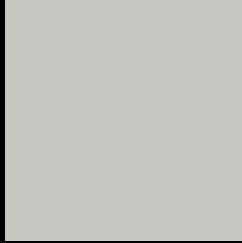
Large Text (above 18pt) WCAG AA × Fail

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 56.8392, 0.3171, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

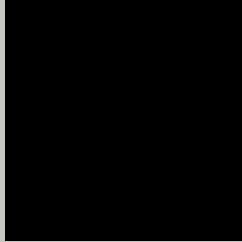
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

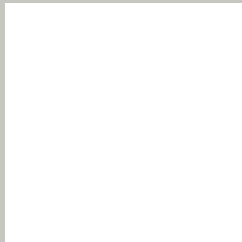
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8392, 0.3171, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 56.8392, 0.3171, 0.3362.



This preview shows how white text looks on a background with the Yxy color 56.8392, 0.3171, 0.3362.

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

56.8392, 0.3171, 0.3362

Protanopia

56.8904, 0.3211, 0.3362

Deuteranopia

56.6544, 0.3334, 0.3268



Tritanopia

56.7899, 0.3058, 0.3102

Trichromacy



Original Color

56.8392, 0.3171, 0.3362

Protanomaly

56.7505, 0.3203, 0.3362

Deuteranomaly

56.9223, 0.3272, 0.3302

Tritanomaly

56.7578, 0.3100, 0.3195

Monochromacy



Original Color

56.8392, 0.3171, 0.3362

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.3795, 0.3142, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8392, 0.3171, 0.3362 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, 193)` looks like.

```
.text, #text, p{  
    color:rgb(199, 199, 193)  
}
```

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, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 199, 193) }
```

Border

The CSS property to change the border of an element to Yxy 56.8392, 0.3171, 0.3362 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, 193) }
```

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

```
.border{ border-color:rgb(199, 199, 193) }
```

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, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 199, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 199, 193);  
box-shadow:4px 4px 4px 4px rgb(199, 199,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8392, 0.3171, 0.3362 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, 193) }
```

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

```
.background{ background-color: rgb(199,  
199, 193) }
```

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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