

Converting Colors

Yxy(56.6444, 0.3177, 0.3328)

Have a look what the booklet for
Yxy(56.6444, 0.3177, 0.3328)
contains.

Yxy(56.7458, 0.3173, 0.3326)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(56.7458, 0.3173, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	C9C6C3
RGB	201, 198, 195
RGB Percent	79%, 78%, 76%
CMY	0.2117, 0.2235, 0.2353
CMYK	0.00, 0.02, 0.03, 0.21
HSL	30°, 5%, 78%
HSV	30°, 3%, 79%
XYZ	54.1354, 56.7458, 59.7315
YIQ	198.5550, 2.7510, -0.2970

Conversions

Conversions Part 2

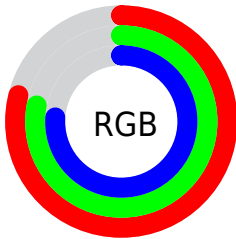
Format	Color
R_{YB}	201, 201, 195
Decimal	13223619
CIE Lab	80.04, 0.51, 1.86
CIE LCh	80, 1.926, 74.591
Yxy	56.7458, 0.3173, 0.3326
Android (android.graphics.Color)	4291413699 (0xFFC9C6C3)
YUV	198.5550, -1.7526, 2.1443
Hunter-Lab	75.3298, -3.5489, 5.7178

Details

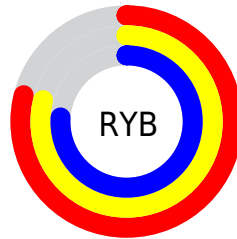
The Yxy color **56.7458, 0.3173, 0.3326** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.2194, 0.3082, 0.3254**, and the grayscale version is **56.8398, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **28.0726, 0.3189, 0.3338** is the 20% darker color. If you saturate the color by 10%, you get **51.4389, 0.3340, 0.3451**, and if you desaturate by 10%, it is **62.4873, 0.3027, 0.3209**.

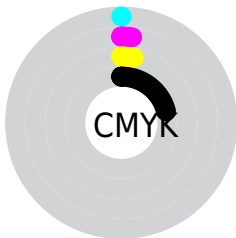
Distribution



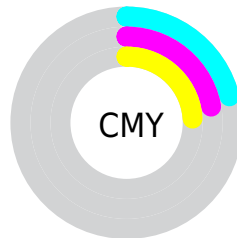
- Red (79%)
- Green (78%)
- Blue (76%)



- Red (79%)
- Yellow (79%)
- Blue (76%)



- Cyan (0%)
- Magenta (2%)
- Yellow (3%)
- Black (21%)



- Cyan (21%)
- Magenta (22%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.7458, 0.3173, 0.3326 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 56.7458, 0.3173, 0.3326 by changing the saturation by 10% instead.

■ 56.7458, 0.3173,
0.3326

■ 56.7458, 0.3173,
0.3326

412.4961, 0.3151,
0.3309

■ 40.8012, 0.3178,
0.3330

100.0942, 0.3165,
0.3320

■ 28.1638, 0.3185,
0.3335

128.2667, 0.3162,
0.3317

■ 18.4491, 0.3194,
0.3342

161.2841, 0.3160,
0.3315

■ 11.2729, 0.3206,
0.3351

199.5306, 0.3157,
0.3314

■ 6.2507, 0.3223,
0.3365

243.3906, 0.3155,
0.3312

■ 2.9981, 0.3249,
0.3385

293.2486, 0.3154,

■ 1.1308, 0.3297,

0.3311

349.4890, 0.3152,
0.3310

0.3421

0.0040, 0.8020,
0.1980

0.0000, 0.0000,
0.0000

56.7458, 0.3173,
0.3326

56.7458, 0.3173,
0.3326

51.4389, 0.3340,
0.3451

62.4873, 0.3027,
0.3209

46.5485, 0.3531,
0.3583

68.6666, 0.2900,
0.3100

42.0658, 0.3747,
0.3717

75.2758, 0.2791,
0.3003

37.9789, 0.3986,
0.3849

80.9995, 0.2798,
0.3113

■ 34.2752, 0.4246,
0.3971

■ 87.0527, 0.2806,
0.3220

■ 30.9413, 0.4520,
0.4071

■ 91.1600, 0.2811,
0.3289

■ 27.9627, 0.4795,
0.4138

■ 25.3236, 0.5054,
0.4159

■ 23.0061, 0.5281,
0.4126

Harmonies

Analogous

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



56.7458, 0.3176, 0.3309



56.7458, 0.3173, 0.3326



56.7458, 0.3158, 0.3334

Triad

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



56.7458, 0.3173, 0.3326



56.7458, 0.3088, 0.3294



56.7458, 0.3120, 0.3251

Complementary

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



56.7458, 0.3173, 0.3326



56.2194, 0.3082, 0.3254

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.



56.7458, 0.3097, 0.3247



56.7458, 0.3173, 0.3326



56.7458, 0.3079, 0.3271

Square

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



56.7458, 0.3173, 0.3326



56.7458, 0.3109, 0.3315



56.7458, 0.3082, 0.3254



56.7458, 0.3146, 0.3266

Rectangle

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



56.7458, 0.3173, 0.3326



56.7458, 0.3142, 0.3332



56.7458, 0.3082, 0.3254



56.7458, 0.3112, 0.3248

Sweetspot

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



56.7483, 0.3173, 0.3326



99.0229, 0.3142, 0.3302



55.5347, 0.3152, 0.3253



21.2053, 0.3142, 0.3302



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.



56.7483, 0.3173, 0.3326



96.1370, 0.3190, 0.3339



58.0952, 0.3171, 0.3361



12.0357, 0.3200, 0.3347



13.7341, 0.5399, 0.4095



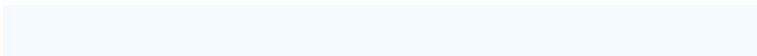
0.7952, 0.5083, 0.4346

Inverse Universe

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



56.2194, 0.3082, 0.3254



94.9181, 0.3066, 0.3241



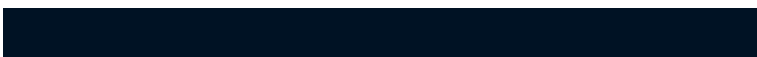
54.8979, 0.3083, 0.3218



11.8590, 0.3056, 0.3233



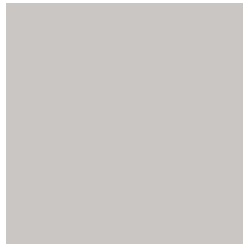
8.6742, 0.1778, 0.1600



0.5556, 0.1883, 0.1978

Previews

White Background



This preview shows how the Yxy color 56.7458, 0.3173, 0.3326 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 56.7458, 0.3173, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

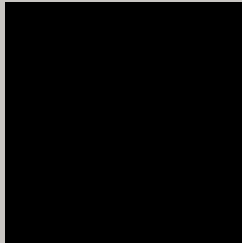
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

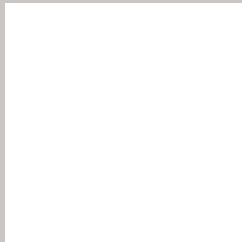
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.7458, 0.3173, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 56.7458, 0.3173, 0.3326.

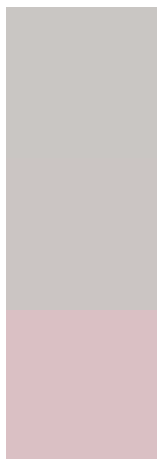


This preview shows how white text looks on a background with the Yxy color 56.7458, 0.3173, 0.3326.

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

56.7458, 0.3173, 0.3326

Protanopia

56.5691, 0.3190, 0.3314

Deuteranopia

56.5902, 0.3310, 0.3244



Tritanopia

56.8795, 0.3073, 0.3114

Trichromacy



Original Color

56.7458, 0.3173, 0.3326

Protanomaly

56.4292, 0.3182, 0.3314

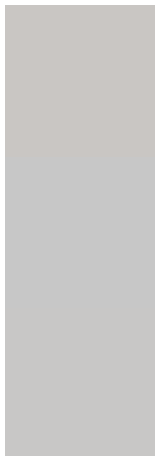
Deuteranomaly

56.5661, 0.3258, 0.3267

Tritanomaly

56.8968, 0.3108, 0.3195

Monochromacy



Original Color

56.7458, 0.3173, 0.3326

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.2034, 0.3142, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7458, 0.3173, 0.3326 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(201, 198, 195)` looks like.

```
.text, #text, p{  
    color:rgb(201, 198, 195)  
}
```

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(201, 198, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 198, 195) }
```

Border

The CSS property to change the border of an element to Yxy 56.7458, 0.3173, 0.3326 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(201, 198, 195) }
```

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

```
.border{ border-color:rgb(201, 198, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 198, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 198, 195); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 198, 195); box-shadow:4px 4px 4px 4px rgb(201, 198, 195) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7458, 0.3173, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 198, 195) }
```

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

```
.background{ background-color: rgb(201,  
198, 195) }
```

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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