

Converting Colors

Yxy(56.8701, 0.3280, 0.3446)

Have a look what the booklet for
Yxy(56.8701, 0.3280, 0.3446)
contains.

Yxy(56.8701, 0.3280, 0.3446)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.8701, 0.3280, 0.3446)

Conversions

Conversions Part 1

Format	Color
Hex	CDC6B9
RGB	205, 198, 185
RGB Percent	80%, 78%, 73%
CMY	0.1960, 0.2235, 0.2744
CMYK	0.00, 0.03, 0.10, 0.20
HSL	39°, 17%, 76%
HSV	39°, 10%, 80%
XYZ	54.1306, 56.8701, 54.0315
YIQ	198.6110, 8.3450, -2.5590

Conversions

Conversions Part 2

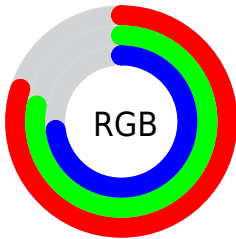
Format	Color
R_{YB}	196, 205, 185
Decimal	13485753
CIE Lab	80.11, 0.20, 7.36
CIE LCh	80, 7.363, 88.465
Yxy	56.8701, 0.3280, 0.3446
Android (android.graphics.Color)	4291675833 (0xFFCDC6B9)
YUV	198.6110, -6.7102, 5.6032
Hunter-Lab	75.4123, -3.8450, 10.3084

Details

The Yxy color $56.8701, 0.3280, 0.3446$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.4339, 0.2977, 0.3129$, and the grayscale version is $56.9036, 0.3127, 0.3290$.

A 20% lighter version of the original color is $99.1309, 0.3209, 0.3425$, and $28.1918, 0.3323, 0.3483$ is the 20% darker color. If you saturate the color by 10%, you get $52.8609, 0.3453, 0.3614$, and if you desaturate by 10%, it is $61.1649, 0.3123, 0.3286$.

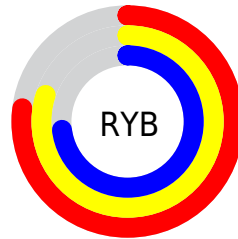
Distribution



Red (80%)

Green (78%)

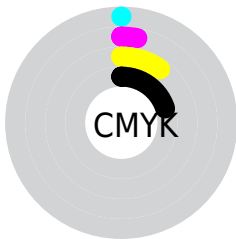
Blue (73%)



Red (77%)

Yellow (80%)

Blue (73%)

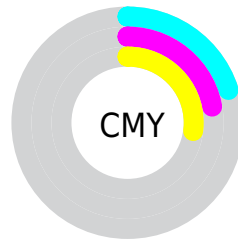


Cyan (0%)

Magenta (3%)

Yellow (10%)

Black (20%)



Cyan (20%)


Magenta (22%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8701, 0.3280, 0.3446 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 56.8701, 0.3280, 0.3446 by changing the saturation by 10% instead.


 56.8701, 0.3280,
0.3446

 56.8701, 0.3280,
0.3446


412.9624, 0.3206,
0.3371

 40.9010, 0.3298,
0.3464


 100.2756, 0.3254,
0.3419

 28.2417, 0.3320,
0.3487


128.4808, 0.3244,
0.3409

 18.5079, 0.3349,
0.3517


161.5334, 0.3235,
0.3400

 11.3153, 0.3389,
0.3557

199.8179, 0.3228,
0.3393

 6.2793, 0.3445,
0.3614

243.7187, 0.3221,
0.3386

 3.0157, 0.3533,
0.3703

293.6201, 0.3216,

 1.1399, 0.3714,

0.3380

0.3887

349.9065, 0.3211,
0.3375

■ 0.0118, 0.5761,
0.4239

■ 0.0000, 0.0000,
0.0000

■ 56.8701, 0.3280,
0.3446

■ 56.8701, 0.3280,
0.3446

■ 52.8609, 0.3453,
0.3614

■ 61.1649, 0.3123,
0.3286

■ 49.1225, 0.3643,
0.3785

■ 65.7450, 0.2983,
0.3136

■ 45.6495, 0.3847,
0.3955

■ 70.6197, 0.2859,
0.2996

■ 42.4333, 0.4060,
0.4115

■ 74.9968, 0.2814,
0.2988

■ 39.4651, 0.4276,
0.4256

■ 79.0036, 0.2819,
0.3066

■ 36.7350, 0.4486,
0.4366

■ 83.1764, 0.2824,
0.3143

■ 34.2321, 0.4680,
0.4433

■ 87.5169, 0.2828,
0.3219

■ 31.9437, 0.4845,
0.4452

■ 91.7202, 0.2833,
0.3289

■ 29.8491, 0.4982,
0.4424

Harmonies

Analogous

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



56.8701, 0.3316, 0.3393



56.8701, 0.3280, 0.3446



56.8701, 0.3203, 0.3457

Triad

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



56.8701, 0.3280, 0.3446



56.8701, 0.2957, 0.3261



56.8701, 0.3146, 0.3164

Complementary

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



56.8701, 0.3280, 0.3446



52.4339, 0.2977, 0.3129

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.



56.8701, 0.3050, 0.3129



56.8701, 0.3280, 0.3446



56.8701, 0.2942, 0.3183

Square

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



56.8701, 0.3280, 0.3446



56.8701, 0.3017, 0.3349



56.8701, 0.2976, 0.3135



56.8701, 0.3238, 0.3231

Rectangle

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



56.8701, 0.3280, 0.3446



56.8701, 0.3139, 0.3438



56.8701, 0.2976, 0.3135



56.8701, 0.3113, 0.3148

Sweetspot

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



56.8726, 0.3280, 0.3446



97.8183, 0.3173, 0.3338



51.5064, 0.3238, 0.3202



20.8139, 0.3186, 0.3351



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.



56.8726, 0.3280, 0.3446



91.5310, 0.3320, 0.3486



59.7741, 0.3250, 0.3529



12.4091, 0.3274, 0.3440



18.7335, 0.4971, 0.4435



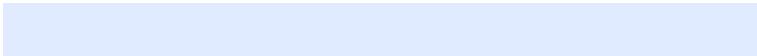
1.1055, 0.4782, 0.4585

Inverse Universe

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



52.4339, 0.2977, 0.3129



82.6192, 0.2938, 0.3086



49.7642, 0.2998, 0.3042



11.4764, 0.2983, 0.3135



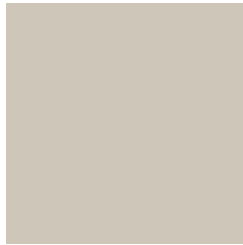
5.7792, 0.1650, 0.1138



0.4399, 0.1761, 0.1540

Previews

White Background



This preview shows how the Yxy color 56.8701, 0.3280, 0.3446 looks on a white background.

Color Contrast Check

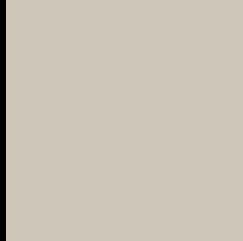
Large Text (above 18pt) WCAG AA × Fail

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 56.8701, 0.3280, 0.3446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

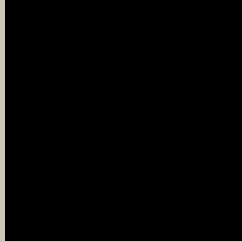
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

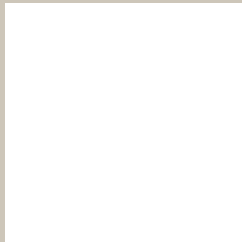
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8701, 0.3280, 0.3446

Background



This preview shows how black text looks on a background with the Yxy color 56.8701, 0.3280, 0.3446.

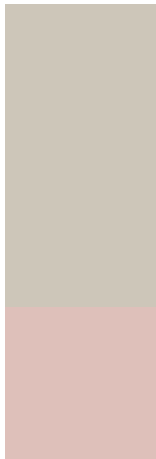


This preview shows how white text looks on a background with the Yxy color 56.8701, 0.3280, 0.3446.

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

56.8701, 0.3280, 0.3446

Protanopia

56.8701, 0.3280, 0.3446

Deuteranopia

56.7740, 0.3423, 0.3360



Tritanopia

56.6466, 0.3120, 0.3104

Trichromacy



Original Color

56.8701, 0.3280, 0.3446

Protanomaly

56.8701, 0.3280, 0.3446

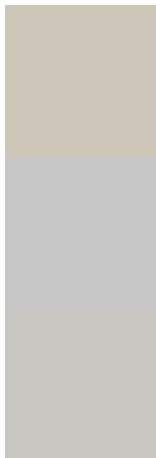
Deuteranomaly

56.7277, 0.3369, 0.3384

Tritanomaly

56.5127, 0.3178, 0.3220

Monochromacy



Original Color

56.8701, 0.3280, 0.3446

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.1594, 0.3179, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8701, 0.3280, 0.3446 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, 185)` looks like.

```
.text, #text, p{  
    color:rgb(205, 198, 185)  
}
```

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, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 198, 185) }
```

Border

The CSS property to change the border of an element to Yxy 56.8701, 0.3280, 0.3446 is called "border". The border property can be set on classes, ids or directly on the HTML element.

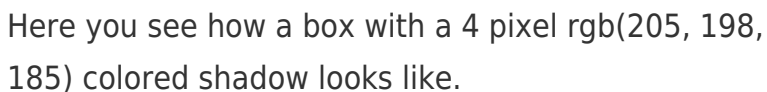
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 198, 185) }
```

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

```
.border{ border-color:rgb(205, 198, 185) }
```

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, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 198, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 198, 185);  
box-shadow:4px 4px 4px 4px rgb(205, 198,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8701, 0.3280, 0.3446 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, 185) }
```

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

```
.background{ background-color: rgb(205,  
198, 185) }
```

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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