

Converting Colors

Yxy(56.4209, 0.3361, 0.3511)

Have a look what the booklet for
Yxy(56.4209, 0.3361, 0.3511)
contains.

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Color

Yxy(56.5568, 0.3360, 0.3518)

Conversions

Conversions Part 1

Format	Color
Hex	D0C5B2
RGB	208, 197, 178
RGB Percent	82%, 77%, 70%
CMY	0.1843, 0.2274, 0.3019
CMYK	0.00, 0.05, 0.14, 0.18
HSL	38°, 24%, 76%
HSV	38°, 14%, 82%
XYZ	54.0167, 56.5568, 50.1905
YIQ	198.1230, 12.6550, -3.5770

Conversions

Conversions Part 2

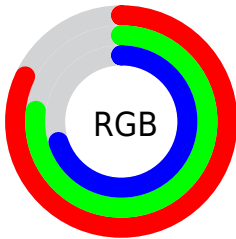
Format	Color
RYB	195, 208, 178
Decimal	13682098
CIELab	79.93, 0.67, 10.90
CIELCh	80, 10.920, 86.490
Yxy	56.5568, 0.3360, 0.3518
Android (android.graphics.Color)	4291872178 (0xFFD0C5B2)
YUV	198.1230, -9.9206, 8.6621
Hunter-Lab	75.2043, -3.3968, 13.0734

Details

The Yxy color **56.5568, 0.3360, 0.3518** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.4205, 0.2901, 0.3051**, and the grayscale version is **56.6085, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0841, 0.3251, 0.3484**, and **27.8979, 0.3421, 0.3579** is the 20% darker color. If you saturate the color by 10%, you get **52.4076, 0.3543, 0.3684**, and if you desaturate by 10%, it is **61.0131, 0.3195, 0.3358**.

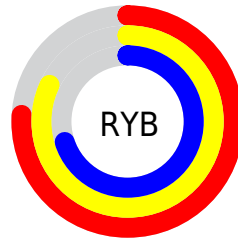
Distribution



Red (82%)

Green (77%)

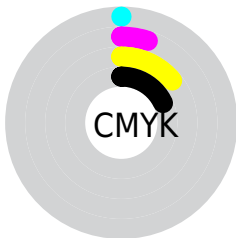
Blue (70%)



Red (76%)

Yellow (82%)

Blue (70%)

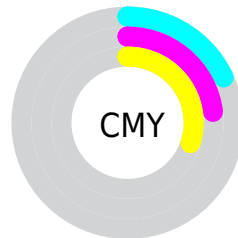


Cyan (0%)

Magenta (5%)

Yellow (14%)

Black (18%)



Cyan (18%)


Magenta (23%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5568, 0.3360, 0.3518 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 56.5568, 0.3360, 0.3518 by changing the saturation by 10% instead.


 56.5568, 0.3360,
0.3518

 56.5568, 0.3360,
0.3518


411.7865, 0.3247,
0.3408

 40.6495, 0.3387,
0.3544


 99.8182, 0.3320,
0.3479

 28.0453, 0.3421,
0.3578


127.9411, 0.3305,
0.3464

 18.3598, 0.3466,
0.3621


160.9047, 0.3291,
0.3451

 11.2086, 0.3526,
0.3679

199.0934, 0.3280,
0.3440

 6.2073, 0.3612,
0.3762

242.8915, 0.3270,
0.3431

 2.9716, 0.3743,
0.3888

292.6834, 0.3262,

 1.1169, 0.4105,

0.3422

0.4243

348.8536, 0.3254,
0.3415

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.5568, 0.3360,
0.3518

56.5568, 0.3360,
0.3518

52.4076, 0.3543,
0.3684

61.0131, 0.3195,
0.3358

48.5498, 0.3742,
0.3852

65.7770, 0.3047,
0.3207

44.9772, 0.3955,
0.4015

70.8583, 0.2915,
0.3066

41.6804, 0.4175,
0.4164

75.8579, 0.2833,
0.2998

■ 38.6493, 0.4397,
0.4289

■ 80.1382, 0.2838,
0.3081

■ 35.8729, 0.4607,
0.4377

■ 84.6060, 0.2842,
0.3162

■ 33.3387, 0.4797,
0.4418

■ 89.2636, 0.2847,
0.3242

■ 31.0321, 0.4954,
0.4408

■ 92.1513, 0.2849,
0.3289

■ 29.8324, 0.5032,
0.4386

Harmonies

Analogous

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



56.5568, 0.3410, 0.3435



56.5568, 0.3360, 0.3518



56.5568, 0.3248, 0.3541

Triad

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



56.5568, 0.3360, 0.3518



56.5568, 0.2879, 0.3255



56.5568, 0.3144, 0.3099

Complementary

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



56.5568, 0.3360, 0.3518



50.4205, 0.2901, 0.3051

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.



56.5568, 0.3003, 0.3051



56.5568, 0.3360, 0.3518



56.5568, 0.2853, 0.3137

Square

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



56.5568, 0.3360, 0.3518



56.5568, 0.2971, 0.3386



56.5568, 0.2897, 0.3063



56.5568, 0.3283, 0.3195

Rectangle

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



56.5568, 0.3360, 0.3518



56.5568, 0.3154, 0.3516



56.5568, 0.2897, 0.3063



56.5568, 0.3096, 0.3077

Sweetspot

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



56.5593, 0.3360, 0.3518



96.9960, 0.3189, 0.3352



48.9500, 0.3295, 0.3152



20.6422, 0.3201, 0.3364



0.0000, 0.0000, 0.0000



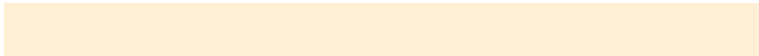
21.4041, 0.3127, 0.3290

Same Dimension

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



56.5593, 0.3360, 0.3518



87.7854, 0.3409, 0.3564



61.2406, 0.3314, 0.3648



13.0379, 0.3275, 0.3437



18.7811, 0.5017, 0.4398



1.1987, 0.4828, 0.4549

Inverse Universe

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



50.4205, 0.2901, 0.3051



76.4065, 0.2856, 0.3000



46.2820, 0.2925, 0.2912



12.1178, 0.2982, 0.3139



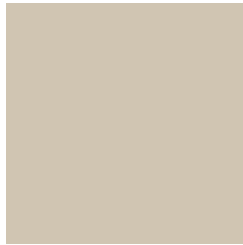
6.2557, 0.1661, 0.1180



0.4994, 0.1765, 0.1555

Previews

White Background



This preview shows how the Yxy color 56.5568, 0.3360, 0.3518 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 56.5568, 0.3360, 0.3518 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

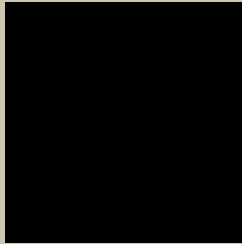
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

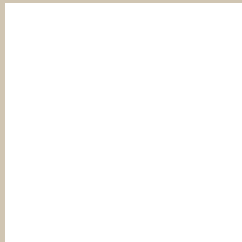
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.5568, 0.3360, 0.3518

Background



This preview shows how black text looks on a background with the Yxy color 56.5568, 0.3360, 0.3518.

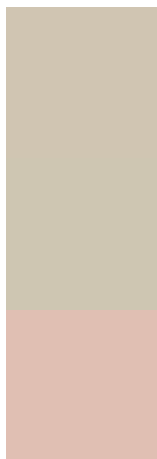


This preview shows how white text looks on a background with the Yxy color 56.5568, 0.3360, 0.3518.

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

56.5568, 0.3360, 0.3518

Protanopia

56.7243, 0.3342, 0.3531

Deuteranopia

56.3636, 0.3499, 0.3429



Tritanopia

56.6910, 0.3167, 0.3117

Trichromacy



Original Color

56.5568, 0.3360, 0.3518

Protanomaly

56.8679, 0.3350, 0.3530

Deuteranomaly

56.3000, 0.3443, 0.3454

Tritanomaly

56.4637, 0.3242, 0.3255

Monochromacy



Original Color

56.5568, 0.3360, 0.3518

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

56.7063, 0.3211, 0.3374

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5568, 0.3360, 0.3518 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(208, 197, 178)` looks like.

```
.text, #text, p{  
    color:rgb(208, 197, 178)  
}
```

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(208, 197, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 197, 178) }
```

Border

The CSS property to change the border of an element to Yxy 56.5568, 0.3360, 0.3518 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(208, 197, 178) }
```

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

```
.border{ border-color:rgb(208, 197, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 197, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 197, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 197, 178);  
box-shadow:4px 4px 4px 4px rgb(208, 197,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5568, 0.3360, 0.3518 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 197, 178) }
```

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

```
.background{ background-color: rgb(208,  
197, 178) }
```

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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