

Converting Colors

$Y_{xy}(56.3303, 0.3588, 0.3514)$

Have a look what the booklet for
Yxy(56.3303, 0.3588, 0.3514)
contains.

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Color

Yxy(56.5328, 0.3590, 0.3520)

Conversions

Conversions Part 1

Format	Color
Hex	E3BFAB
RGB	227, 191, 171
RGB Percent	89%, 75%, 67%
CMY	0.1099, 0.2509, 0.3293
CMYK	0.00, 0.16, 0.25, 0.11
HSL	21°, 50%, 78%
HSV	21°, 25%, 89%
XYZ	57.6570, 56.5328, 46.4147
YIQ	199.4840, 27.8760, 1.4120

Conversions

Conversions Part 2

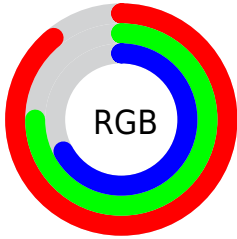
Format	Color
R_{YB}	227, 202, 171
Decimal	14925739
CIE _{Lab}	79.92, 9.83, 14.85
CIE _{LCh}	80, 17.810, 56.503
Yxy	56.5328, 0.3590, 0.3520
Android (android.graphics.Color)	4293115819 (0xFFE3BFAB)
YUV	199.4840, -14.0426, 24.1315
Hunter-Lab	75.1883, 5.3006, 16.0313

Details

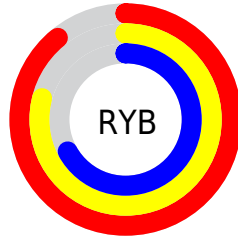
The Yxy color **56.5328, 0.3590, 0.3520** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.8297, 0.2744, 0.3048**, and the grayscale version is **57.5016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2725, 0.3307, 0.3496**, and **28.1668, 0.3711, 0.3578** is the 20% darker color. If you saturate the color by 10%, you get **49.6918, 0.3834, 0.3619**, and if you desaturate by 10%, it is **64.1617, 0.3380, 0.3423**.

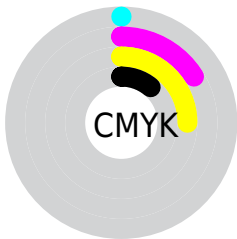
Distribution



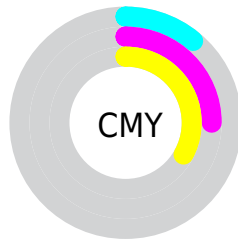
- Red (89%)
- Green (75%)
- Blue (67%)



- Red (89%)
- Yellow (79%)
- Blue (67%)



- Cyan (0%)
- Magenta (16%)
- Yellow (25%)
- Black (11%)





- Cyan (11%)
- Magenta (25%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5328, 0.3590, 0.3520 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 56.5328, 0.3590, 0.3520 by changing the saturation by 10% instead.


 56.5328, 0.3590,
0.3520

 56.5328, 0.3590,
0.3520

411.6963, 0.3364,
0.3413

 40.6303, 0.3644,
0.3545


 99.7832, 0.3509,
0.3483

 28.0303, 0.3713,
0.3575


127.8998, 0.3479,
0.3468

 18.3485, 0.3803,
0.3613


160.8565, 0.3453,
0.3456

 11.2005, 0.3924,
0.3662

199.0378, 0.3430,
0.3445

 6.2018, 0.4097,
0.3727

242.8281, 0.3411,
0.3435

 2.9682, 0.4361,
0.3815

292.6116, 0.3393,

 1.1152, 0.5176,

0.3427

0.4229

348.7729, 0.3378,
0.3419

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.5328, 0.3590,
0.3520

56.5328, 0.3590,
0.3520

49.6918, 0.3834,
0.3619

64.1617, 0.3380,
0.3423

43.6048, 0.4115,
0.3714

72.5955, 0.3201,
0.3331

38.2469, 0.4429,
0.3799

81.8603, 0.3049,
0.3245

33.5886, 0.4767,
0.3861

91.5317, 0.2957,
0.3233

■ 29.5981, 0.5112,
0.3889

■ 95.0674, 0.2958,
0.3290

■ 26.2409, 0.5437,
0.3870

■ 23.4779, 0.5712,
0.3799

■ 22.2222, 0.5837,
0.3747

Harmonies

Analogous

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



56.5328, 0.3544, 0.3329



56.5328, 0.3590, 0.3520



56.5328, 0.3506, 0.3660

Triad

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



56.5328, 0.3590, 0.3520



56.5328, 0.2872, 0.3448



56.5328, 0.2924, 0.2906

Complementary

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



56.5328, 0.3590, 0.3520



58.8297, 0.2744, 0.3048

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.



56.5328, 0.2756, 0.2922



56.5328, 0.3590, 0.3520



56.5328, 0.2726, 0.3228

Square

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



56.5328, 0.3590, 0.3520



56.5328, 0.3088, 0.3626



56.5328, 0.2685, 0.3036



56.5328, 0.3153, 0.2984

Rectangle

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



56.5328, 0.3590, 0.3520



56.5328, 0.3391, 0.3702



56.5328, 0.2685, 0.3036



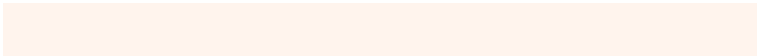
56.5328, 0.2859, 0.2900

Sweetspot

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



56.5354, 0.3590, 0.3520



91.7992, 0.3241, 0.3352



49.9885, 0.3318, 0.2882



19.5028, 0.3252, 0.3358



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.



56.5354, 0.3590, 0.3520



68.5516, 0.3721, 0.3575



69.7161, 0.3519, 0.3818



15.2061, 0.3284, 0.3374



13.1631, 0.5810, 0.3769



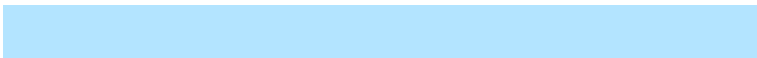
1.1434, 0.5531, 0.3990

Inverse Universe

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



58.8297, 0.2744, 0.3048



72.0539, 0.2659, 0.2985



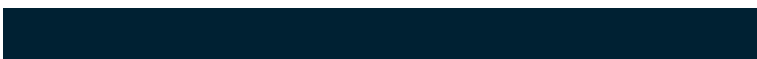
46.6153, 0.2714, 0.2700



15.4249, 0.2981, 0.3204



15.4385, 0.1911, 0.2079



1.3148, 0.1966, 0.2276

Previews

White Background



This preview shows how the Yxy color 56.5328, 0.3590, 0.3520 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 56.5328, 0.3590, 0.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

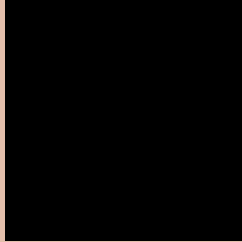
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.5328, 0.3590, 0.3520

Background



This preview shows how black text looks on a background with the Yxy color 56.5328, 0.3590, 0.3520.



This preview shows how white text looks on a background with the Yxy color 56.5328, 0.3590, 0.3520.

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

56.5328, 0.3590, 0.3520

Protanopia

56.7096, 0.3381, 0.3579

Deuteranopia

56.5328, 0.3590, 0.3520



Tritanopia

56.7466, 0.3385, 0.3135

Trichromacy



Original Color

56.5328, 0.3590, 0.3520

Protanomaly

56.3435, 0.3453, 0.3551

Deuteranomaly

56.5328, 0.3590, 0.3520

Tritanomaly

56.5071, 0.3465, 0.3269

Monochromacy



Original Color

56.5328, 0.3590, 0.3520

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.7093, 0.3285, 0.3373

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5328, 0.3590, 0.3520 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(227, 191, 171)` looks like.

```
.text, #text, p{  
    color:rgb(227, 191, 171)  
}
```

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(227, 191, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 191, 171) }
```

Border

The CSS property to change the border of an element to Yxy 56.5328, 0.3590, 0.3520 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(227, 191, 171) }
```

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

```
.border{ border-color:rgb(227, 191, 171) }
```

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

Here you see how a box with a 4 pixel rgb(227, 191, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 191, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 191, 171);  
box-shadow:4px 4px 4px 4px rgb(227, 191,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5328, 0.3590, 0.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 191, 171) }
```

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

```
.background{ background-color: rgb(227,  
191, 171) }
```

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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