

Converting Colors

Yxy(56.1668, 0.3532, 0.3359)

Have a look what the booklet for
Yxy(56.1668, 0.3532, 0.3359)
contains.

Yxy(56.1668, 0.3532, 0.3359)	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(56.1668, 0.3532, 0.3359)

Conversions

Conversions Part 1

Format	Color
Hex	E6BCB6
RGB	230, 188, 182
RGB Percent	90%, 74%, 71%
CMY	0.0980, 0.2627, 0.2863
CMYK	0.00, 0.18, 0.21, 0.10
HSL	8°, 49%, 81%
HSV	8°, 21%, 90%
XYZ	59.0596, 56.1668, 51.9865
YIQ	199.8740, 26.9580, 7.0380

Conversions

Conversions Part 2

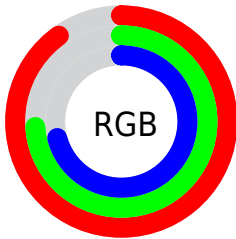
Format	Color
RYB	230, 189, 182
Decimal	15121590
CIELab	79.71, 14.13, 8.70
CIELCh	80, 16.591, 31.618
Yxy	56.1668, 0.3532, 0.3359
Android (android.graphics.Color)	4293311670 (0xFFE6BCB6)
YUV	199.8740, -8.8119, 26.4205
Hunter-Lab	74.9445, 9.5130, 11.3337

Details

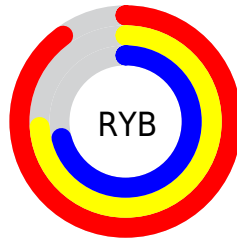
The Yxy color **56.1668, 0.3532, 0.3359** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **68.9686, 0.2812, 0.3220**, and the grayscale version is **57.7215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.1344, 0.3236, 0.3349**, and **27.9116, 0.3643, 0.3381** is the 20% darker color. If you saturate the color by 10%, you get **47.2879, 0.3795, 0.3395**, and if you desaturate by 10%, it is **66.4059, 0.3316, 0.3325**.

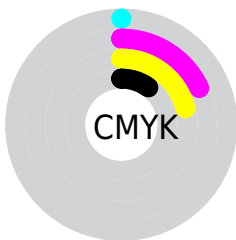
Distribution



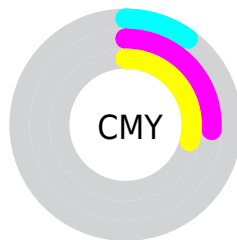
- Red (90%)
- Green (74%)
- Blue (71%)



- Red (90%)
- Yellow (74%)
- Blue (71%)



- Cyan (0%)
- Magenta (18%)
- Yellow (21%)
- Black (10%)





- Cyan (10%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1668, 0.3532, 0.3359 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 56.1668, 0.3532, 0.3359 by changing the saturation by 10% instead.


 56.1668, 0.3532,
0.3359

 56.1668, 0.3532,
0.3359

410.3198, 0.3334,
0.3329

 40.3367, 0.3580,
0.3365


 99.2484, 0.3461,
0.3349

 27.8011, 0.3641,
0.3373


127.2687, 0.3434,
0.3345

 18.1758, 0.3720,
0.3382


160.1211, 0.3411,
0.3341

 11.0763, 0.3828,
0.3393

198.1902, 0.3392,
0.3338

 6.1182, 0.3984,
0.3405

241.8601, 0.3375,
0.3335

 2.9171, 0.4227,
0.3417

291.5155, 0.3360,

 1.0886, 0.4732,

0.3333

0.3474

347.5406, 0.3346,
0.3331

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.1668, 0.3532,
0.3359

56.1668, 0.3532,
0.3359

47.2879, 0.3795,
0.3395

66.4059, 0.3316,
0.3325

39.7045, 0.4114,
0.3429

78.0511, 0.3141,
0.3293

33.3582, 0.4489,
0.3459

91.1555, 0.2997,
0.3263

28.1831, 0.4913,
0.3480

95.5627, 0.2976,
0.3290

■ 24.1071, 0.5359,
0.3484

■ 21.0502, 0.5779,
0.3465

■ 18.9210, 0.6111,
0.3422

■ 17.6897, 0.6307,
0.3374

Harmonies

Analogous

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



56.1668, 0.3397, 0.3175



56.1668, 0.3532, 0.3359



56.1668, 0.3554, 0.3533

Triad

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



56.1668, 0.3532, 0.3359



56.1668, 0.3054, 0.3580



56.1668, 0.2801, 0.2937

Complementary

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



56.1668, 0.3532, 0.3359



68.9686, 0.2812, 0.3220

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.



56.1668, 0.2717, 0.3029



56.1668, 0.3532, 0.3359



56.1668, 0.2860, 0.3403

Square

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



56.1668, 0.3532, 0.3359



56.1668, 0.3273, 0.3671



56.1668, 0.2738, 0.3199



56.1668, 0.2972, 0.2937

Rectangle

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



56.1668, 0.3532, 0.3359



56.1668, 0.3502, 0.3620



56.1668, 0.2738, 0.3199



56.1668, 0.2762, 0.2958

Sweetspot

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



56.1694, 0.3532, 0.3359



90.8076, 0.3227, 0.3309



55.6842, 0.3195, 0.2830



19.2310, 0.3239, 0.3311



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.



56.1694, 0.3532, 0.3359



65.9813, 0.3638, 0.3374



67.0880, 0.3480, 0.3618



14.6569, 0.3289, 0.3320



10.1103, 0.6289, 0.3388



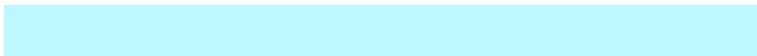
0.8422, 0.6069, 0.3563

Inverse Universe

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



68.9686, 0.2812, 0.3220



84.8679, 0.2751, 0.3204



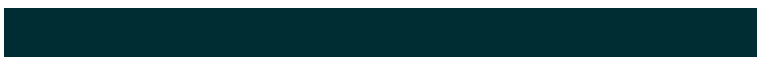
57.1540, 0.2793, 0.2938



16.0126, 0.2982, 0.3260



27.0721, 0.2137, 0.2891



2.0871, 0.2154, 0.2955

Previews

White Background



This preview shows how the Yxy color 56.1668, 0.3532, 0.3359 looks on a white background.

Color Contrast Check

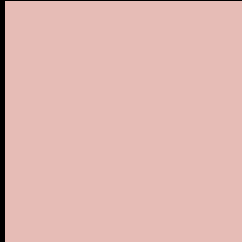
Large Text (above 18pt) WCAG AA × Fail

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 56.1668, 0.3532, 0.3359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

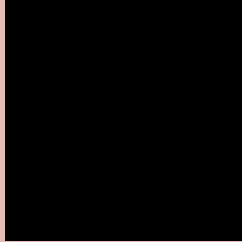
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1668, 0.3532, 0.3359

Background



This preview shows how black text looks on a background with the Yxy color 56.1668, 0.3532, 0.3359.

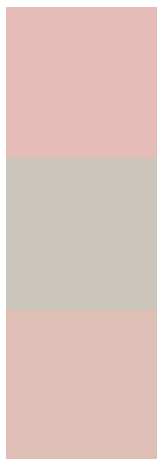


This preview shows how white text looks on a background with the Yxy color 56.1668, 0.3532, 0.3359.

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

56.1668, 0.3532, 0.3359

Protanopia

56.3577, 0.3258, 0.3410

Deuteranopia

56.2858, 0.3474, 0.3406



Tritanopia

56.0239, 0.3405, 0.3124

Trichromacy



Original Color

56.1668, 0.3532, 0.3359

Protanomaly

56.2325, 0.3352, 0.3397

Deuteranomaly

56.3319, 0.3502, 0.3394

Tritanomaly

55.9570, 0.3453, 0.3213

Monochromacy



Original Color

56.1668, 0.3532, 0.3359

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.1790, 0.3270, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1668, 0.3532, 0.3359 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(230, 188, 182)` looks like.

```
.text, #text, p{  
    color:rgb(230, 188, 182)  
}
```

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(230, 188, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 188, 182) }
```

Border

The CSS property to change the border of an element to Yxy 56.1668, 0.3532, 0.3359 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(230, 188, 182) }
```

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

```
.border{ border-color:rgb(230, 188, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 188, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 188, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 188, 182);  
box-shadow:4px 4px 4px 4px rgb(230, 188,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1668, 0.3532, 0.3359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 188, 182) }
```

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

```
.background{ background-color: rgb(230,  
188, 182) }
```

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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