

Converting Colors

$Yxy(55.8164, 0.3635, 0.3471)$

Have a look what the booklet for
Yxy(55.8164, 0.3635, 0.3471)
contains.

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Color

Yxy(56.1008, 0.3634, 0.3472)

Conversions

Conversions Part 1

Format	Color
Hex	E8BCAC
RGB	232, 188, 172
RGB Percent	91%, 74%, 67%
CMY	0.0900, 0.2628, 0.3255
CMYK	0.00, 0.19, 0.26, 0.09
HSL	16°, 57%, 79%
HSV	16°, 26%, 91%
XYZ	58.7184, 56.1008, 46.7614
YIQ	199.3320, 31.3600, 4.3520

Conversions

Conversions Part 2

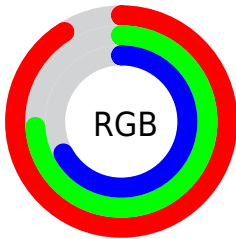
Format	Color
R_{YB}	232, 194, 172
Decimal	15252652
CIE _{Lab}	79.67, 13.47, 14.06
CIE _{LCh}	80, 19.466, 46.227
Yxy	56.1008, 0.3634, 0.3472
Android (android.graphics.Color)	4293442732 (0xFFE8BCAC)
YUV	199.3320, -13.4747, 28.6498
Hunter-Lab	74.9005, 8.8597, 15.4147

Details

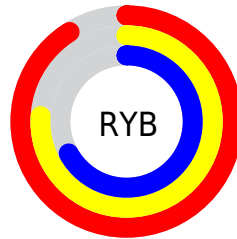
The Yxy color **56.1008, 0.3634, 0.3472** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.7373, 0.2731, 0.3100**, and the grayscale version is **57.4001, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.5074, 0.3304, 0.3457**, and **27.7980, 0.3759, 0.3514** is the 20% darker color. If you saturate the color by 10%, you get **48.4389, 0.3899, 0.3546**, and if you desaturate by 10%, it is **64.7815, 0.3410, 0.3399**.

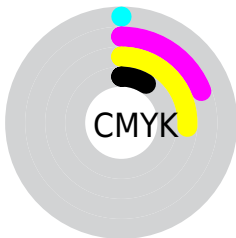
Distribution



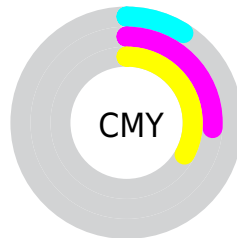
- Red (91%)
- Green (74%)
- Blue (67%)



- Red (91%)
- Yellow (76%)
- Blue (67%)



- Cyan (0%)
- Magenta (19%)
- Yellow (26%)
- Black (9%)




- Cyan (9%)
- Magenta (26%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 56.1008, 0.3634, 0.3472 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 56.1008, 0.3634, 0.3472 by changing the saturation by 10% instead.

 56.1008, 0.3634,
0.3472

 56.1008, 0.3634,
0.3472

410.0713, 0.3386,
0.3389

 40.2837, 0.3694,
0.3490


 99.1519, 0.3545,
0.3443

 27.7598, 0.3770,
0.3513


127.1548, 0.3512,
0.3432

 18.1447, 0.3869,
0.3541


159.9884, 0.3483,
0.3423

 11.0539, 0.4003,
0.3576

198.0372, 0.3458,
0.3414

 6.1031, 0.4196,
0.3620

241.6854, 0.3437,
0.3407

 2.9079, 0.4491,
0.3673

291.3176, 0.3418,

 1.0838, 0.5344,

0.3400

0.3984

347.3181, 0.3401,
0.3394

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.1008, 0.3634,
0.3472

56.1008, 0.3634,
0.3472

48.4389, 0.3899,
0.3546

64.7815, 0.3410,
0.3399

41.7504, 0.4209,
0.3617

74.5091, 0.3223,
0.3329

35.9975, 0.4560,
0.3677

85.3201, 0.3066,
0.3264

31.1371, 0.4941,
0.3715

95.9031, 0.2988,
0.3290

■ 27.1224, 0.5329,
0.3721

■ 23.9021, 0.5685,
0.3684

■ 21.4180, 0.5968,
0.3605

■ 20.5865, 0.6065,
0.3567

Harmonies

Analogous

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



56.1008, 0.3536, 0.3257



56.1008, 0.3634, 0.3472



56.1008, 0.3589, 0.3652

Triad

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



56.1008, 0.3634, 0.3472



56.1008, 0.2922, 0.3540



56.1008, 0.2832, 0.2864

Complementary

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



56.1008, 0.3634, 0.3472



63.7373, 0.2731, 0.3100

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.



56.1008, 0.2681, 0.2918



56.1008, 0.3634, 0.3472



56.1008, 0.2732, 0.3303

Square

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



56.1008, 0.3634, 0.3472



56.1008, 0.3173, 0.3704



56.1008, 0.2646, 0.3075



56.1008, 0.3065, 0.2916

Rectangle

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



56.1008, 0.3634, 0.3472



56.1008, 0.3486, 0.3725



56.1008, 0.2646, 0.3075



56.1008, 0.2770, 0.2870

Sweetspot

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



56.1034, 0.3634, 0.3472



89.5747, 0.3260, 0.3344



51.6786, 0.3280, 0.2798



18.7738, 0.3288, 0.3354



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.



56.1034, 0.3634, 0.3472



64.3265, 0.3769, 0.3511



69.7837, 0.3556, 0.3785



14.9892, 0.3286, 0.3353



11.6006, 0.6037, 0.3589



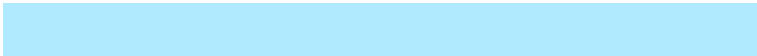
1.0068, 0.5750, 0.3817

Inverse Universe

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



63.7373, 0.2731, 0.3100



75.2597, 0.2653, 0.3056



50.1435, 0.2698, 0.2741



15.6528, 0.2981, 0.3226



19.4566, 0.2001, 0.2404



1.5883, 0.2041, 0.2549

Previews

White Background



This preview shows how the Yxy color 56.1008, 0.3634, 0.3472 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 56.1008, 0.3634, 0.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

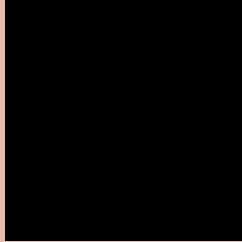
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.1008, 0.3634, 0.3472

Background



This preview shows how black text looks on a background with the Yxy color 56.1008, 0.3634, 0.3472.



This preview shows how white text looks on a background with the Yxy color 56.1008, 0.3634, 0.3472.

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

56.1008, 0.3634, 0.3472

Protanopia

56.2286, 0.3351, 0.3531

Deuteranopia

55.9742, 0.3576, 0.3498



Tritanopia

56.0204, 0.3449, 0.3137

Trichromacy



Original Color

56.1008, 0.3634, 0.3472

Protanomaly

56.1258, 0.3448, 0.3515

Deuteranomaly

55.8677, 0.3596, 0.3486

Tritanomaly

55.8645, 0.3514, 0.3247

Monochromacy



Original Color

56.1008, 0.3634, 0.3472

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.5532, 0.3303, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1008, 0.3634, 0.3472 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(232, 188, 172)` looks like.

```
.text, #text, p{  
    color:rgb(232, 188, 172)  
}
```

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(232, 188, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 188, 172) }
```

Border

The CSS property to change the border of an element to Yxy 56.1008, 0.3634, 0.3472 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(232, 188, 172) }
```

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

```
.border{ border-color:rgb(232, 188, 172) }
```

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

Here you see how a box with a 4 pixel rgb(232, 188, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 188, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 188, 172);  
box-shadow:4px 4px 4px 4px rgb(232, 188,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1008, 0.3634, 0.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 188, 172) }
```

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

```
.background{ background-color: rgb(232,  
188, 172) }
```

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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