

Converting Colors

$Yxy(56.5630, 0.3599, 0.3435)$

Have a look what the booklet for
Yxy(56.5630, 0.3599, 0.3435)
contains.

Yxy(56.6856, 0.3597, 0.3438)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.6856, 0.3597, 0.3438)

Conversions

Conversions Part 1

Format	Color
Hex	E8BDB0
RGB	232, 189, 176
RGB Percent	91%, 74%, 69%
CMY	0.0903, 0.2588, 0.3098
CMYK	0.00, 0.19, 0.24, 0.09
HSL	14°, 55%, 80%
HSV	14°, 24%, 91%
XYZ	59.3072, 56.6856, 48.8868
YIQ	200.3750, 29.8010, 5.0730

Conversions

Conversions Part 2

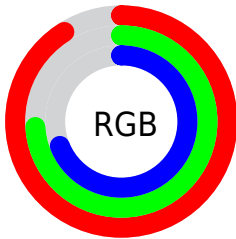
Format	Color
R _Y B	232, 193, 176
Decimal	15252912
CIE Lab	80.00, 13.46, 12.37
CIE LCh	80, 18.282, 42.601
Yxy	56.6856, 0.3597, 0.3438
Android (android.graphics.Color)	4293442992 (0xFFE8BDB0)
YUV	200.3750, -12.0169, 27.7351
Hunter-Lab	75.2898, 8.8505, 14.2050

Details

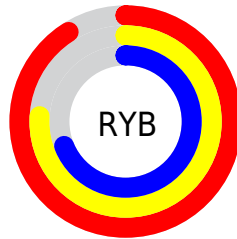
The Yxy color **56.6856, 0.3597, 0.3438** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.6968, 0.2759, 0.3137**, and the grayscale version is **58.0641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3910, 0.3272, 0.3417**, and **28.2937, 0.3720, 0.3469** is the 20% darker color. If you saturate the color by 10%, you get **48.6513, 0.3860, 0.3503**, and if you desaturate by 10%, it is **65.8222, 0.3377, 0.3374**.

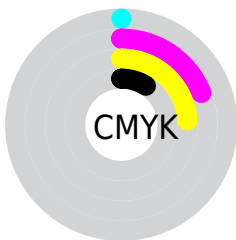
Distribution



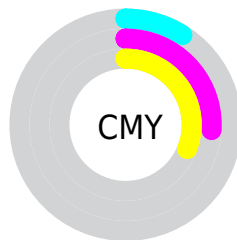
- Red (91%)
- Green (74%)
- Blue (69%)



- Red (91%)
- Yellow (76%)
- Blue (69%)



- Cyan (0%)
- Magenta (19%)
- Yellow (24%)
- Black (9%)





- Cyan (9%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.6856, 0.3597, 0.3438 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 56.6856, 0.3597, 0.3438 by changing the saturation by 10% instead.


 56.6856, 0.3597,
0.3438

 56.6856, 0.3597,
0.3438


412.2702, 0.3368,
0.3371

 40.7529, 0.3652,
0.3453


 100.0063, 0.3515,
0.3415

 28.1260, 0.3723,
0.3471


128.1630, 0.3484,
0.3406

 18.4207, 0.3814,
0.3493


161.1633, 0.3457,
0.3398

 11.2524, 0.3938,
0.3521

199.3913, 0.3435,
0.3391

 6.2369, 0.4116,
0.3556

243.2317, 0.3415,
0.3385

 2.9897, 0.4390,
0.3599

293.0687, 0.3397,

 1.1263, 0.5063,

0.3380

0.3791

349.2867, 0.3382,
0.3375

0.0003, 0.9992,
0.0008

0.0000, 0.0000,
0.0000

56.6856, 0.3597,
0.3438

56.6856, 0.3597,
0.3438

48.6513, 0.3860,
0.3503

65.8222, 0.3377,
0.3374

41.6696, 0.4170,
0.3566

76.0930, 0.3193,
0.3314

35.6986, 0.4527,
0.3620

87.5380, 0.3041,
0.3258

30.6902, 0.4919,
0.3655

95.8923, 0.2987,
0.3290

■ 26.5927, 0.5322,
0.3662

■ 23.3488, 0.5698,
0.3632

■ 20.8942, 0.6000,
0.3561

■ 19.7857, 0.6136,
0.3510

Harmonies

Analogous

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



56.6856, 0.3490, 0.3235



56.6856, 0.3597, 0.3438



56.6856, 0.3571, 0.3612

Triad

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



56.6856, 0.3597, 0.3438



56.6856, 0.2962, 0.3546



56.6856, 0.2828, 0.2891

Complementary

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



56.6856, 0.3597, 0.3438



65.6968, 0.2759, 0.3137

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.



56.6856, 0.2699, 0.2955



56.6856, 0.3597, 0.3438



56.6856, 0.2774, 0.3331

Square

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



56.6856, 0.3597, 0.3438



56.6856, 0.3200, 0.3687



56.6856, 0.2679, 0.3113



56.6856, 0.3041, 0.2928

Rectangle

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



56.6856, 0.3597, 0.3438



56.6856, 0.3484, 0.3688



56.6856, 0.2679, 0.3113



56.6856, 0.2774, 0.2901

Sweetspot

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



56.6882, 0.3597, 0.3438



90.4722, 0.3243, 0.3331



53.3605, 0.3252, 0.2813



19.1961, 0.3254, 0.3334



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.



56.6882, 0.3597, 0.3438



65.0995, 0.3723, 0.3471



69.4585, 0.3529, 0.3731



14.9091, 0.3287, 0.3345



11.1457, 0.6110, 0.3531



0.9634, 0.5827, 0.3755

Inverse Universe

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



65.6968, 0.2759, 0.3137



78.0841, 0.2686, 0.3101



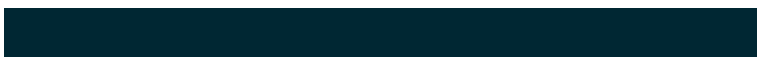
52.6913, 0.2731, 0.2806



15.7382, 0.2981, 0.3234



21.1228, 0.2034, 0.2523



1.6993, 0.2069, 0.2648

Previews

White Background



This preview shows how the Yxy color 56.6856, 0.3597, 0.3438 looks on a white background.

Color Contrast Check

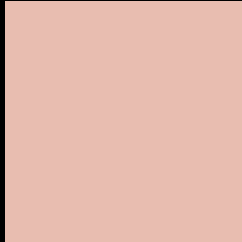
Large Text (above 18pt) WCAG AA × Fail

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 56.6856, 0.3597, 0.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

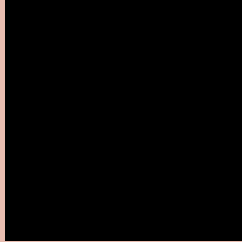
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.6856, 0.3597, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 56.6856, 0.3597, 0.3438.



This preview shows how white text looks on a background with the Yxy color 56.6856, 0.3597, 0.3438.

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

56.6856, 0.3597, 0.3438

Protanopia

56.8462, 0.3319, 0.3494

Deuteranopia

56.5649, 0.3541, 0.3463



Tritanopia

56.5302, 0.3430, 0.3126

Trichromacy



Original Color

56.6856, 0.3597, 0.3438

Protanomaly

56.7320, 0.3414, 0.3479

Deuteranomaly

56.4555, 0.3560, 0.3451

Tritanomaly

56.3718, 0.3495, 0.3236

Monochromacy



Original Color

56.6856, 0.3597, 0.3438

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.2385, 0.3294, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.6856, 0.3597, 0.3438 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, 189, 176)` looks like.

```
.text, #text, p{  
    color:rgb(232, 189, 176)  
}
```

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, 189, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 189, 176) }
```

Border

The CSS property to change the border of an element to Yxy 56.6856, 0.3597, 0.3438 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, 189, 176) }
```

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

```
.border{ border-color:rgb(232, 189, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 189, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 189, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 189, 176);  
box-shadow:4px 4px 4px 4px rgb(232, 189,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 56.6856, 0.3597, 0.3438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 189, 176) }
```

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

```
.background{ background-color: rgb(232,  
189, 176) }
```

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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