

Converting Colors

Yxy(58.2138, 0.3651, 0.3423)

Have a look what the booklet for
Yxy(58.2138, 0.3651, 0.3423)
contains.

Yxy(58.0948, 0.3658, 0.3423)	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(58.0948, 0.3658, 0.3423)

Conversions

Conversions Part 1

Format	Color
Hex	F0BDB1
RGB	240, 189, 177
RGB Percent	94%, 74%, 69%
CMY	0.0586, 0.2589, 0.3058
CMYK	0.00, 0.21, 0.26, 0.06
HSL	11°, 68%, 82%
HSV	11°, 26%, 94%
XYZ	62.0832, 58.0948, 49.5410
YIQ	202.8810, 34.2480, 7.0800

Conversions

Conversions Part 2

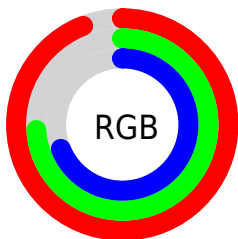
Format	Color
R_{YB}	240, 192, 177
Decimal	15777201
CIE _{Lab}	80.79, 16.62, 13.06
CIE _{LCh}	81, 21.135, 38.148
Yxy	58.0948, 0.3658, 0.3423
Android (android.graphics.Color)	4293967281 (0xFFFF0BDB1)
YUV	202.8810, -12.7593, 32.5534
Hunter-Lab	76.2199, 12.0081, 14.8170

Details

The Yxy color **58.0948, 0.3658, 0.3423** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **71.1755, 0.2730, 0.3152**, and the grayscale version is **59.7120, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.4480, 0.3266, 0.3407**, and **29.1308, 0.3801, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **49.4108, 0.3940, 0.3476**, and if you desaturate by 10%, it is **68.0743, 0.3424, 0.3370**.

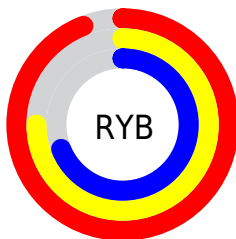
Distribution



Red (94%)

Green (74%)

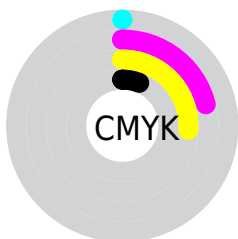
Blue (69%)



Red (94%)

Yellow (75%)

Blue (69%)

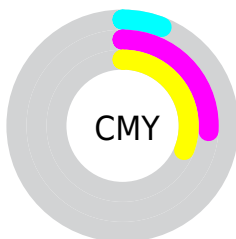


Cyan (0%)

Magenta (21%)

Yellow (26%)

Black (6%)



Cyan (6%)


Magenta (26%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.0948, 0.3658, 0.3423 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 58.0948, 0.3658, 0.3423 by changing the saturation by 10% instead.


 58.0948, 0.3658,
0.3423

 58.0948, 0.3658,
0.3423


417.5391, 0.3400,
0.3364

 41.8849, 0.3720,
0.3435


 102.0609, 0.3566,
0.3403

 29.0111, 0.3799,
0.3450


130.5859, 0.3531,
0.3396

 19.0893, 0.3900,
0.3468


163.9846, 0.3501,
0.3389

 11.7348, 0.4038,
0.3489

202.6415, 0.3475,
0.3383

 6.5634, 0.4234,
0.3513

246.9411, 0.3453,
0.3377

 3.1906, 0.4534,
0.3537

297.2676, 0.3433,

 1.2320, 0.5197,

0.3373

0.3653

354.0054, 0.3416,
0.3368

0.0876, 0.8481,
0.1519

0.0000, 0.0000,
0.0000

58.0948, 0.3658,
0.3423

58.0948, 0.3658,
0.3423

49.4108, 0.3940,
0.3476

68.0743, 0.3424,
0.3370

41.9611, 0.4272,
0.3527

79.3913, 0.3230,
0.3320

35.6914, 0.4654,
0.3567

92.0957, 0.3071,
0.3273

30.5404, 0.5071,
0.3589

97.2750, 0.3036,
0.3290

■ 26.4410, 0.5489,
0.3584

■ 23.3185, 0.5862,
0.3544

■ 21.0876, 0.6138,
0.3473

■ 20.4568, 0.6217,
0.3445

Harmonies

Analogous

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



58.0948, 0.3515, 0.3193



58.0948, 0.3658, 0.3423



58.0948, 0.3651, 0.3632

Triad

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



58.0948, 0.3658, 0.3423



58.0948, 0.2975, 0.3617



58.0948, 0.2756, 0.2839

Complementary

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



58.0948, 0.3658, 0.3423



71.1755, 0.2730, 0.3152

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.



58.0948, 0.2627, 0.2926



58.0948, 0.3658, 0.3423



58.0948, 0.2749, 0.3375

Square

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



58.0948, 0.3658, 0.3423



58.0948, 0.3250, 0.3761



58.0948, 0.2624, 0.3119



58.0948, 0.2987, 0.2865

Rectangle

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



58.0948, 0.3658, 0.3423



58.0948, 0.3563, 0.3730



58.0948, 0.2624, 0.3119



58.0948, 0.2700, 0.2855

Sweetspot

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



58.0975, 0.3658, 0.3423



88.6605, 0.3262, 0.3328



55.6125, 0.3249, 0.2748



18.5451, 0.3290, 0.3336



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.



58.0975, 0.3658, 0.3423



60.6431, 0.3816, 0.3454



72.9440, 0.3574, 0.3751



16.2445, 0.3289, 0.3336



11.3352, 0.6194, 0.3464



1.0751, 0.5955, 0.3654

Inverse Universe

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



71.1755, 0.2730, 0.3152



78.1785, 0.2647, 0.3118



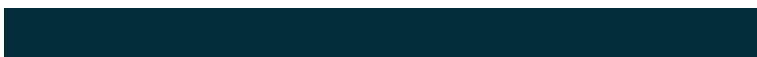
55.5639, 0.2695, 0.2781



17.3889, 0.2981, 0.3244



24.8548, 0.2075, 0.2670



2.1975, 0.2100, 0.2761

Previews

White Background



This preview shows how the Yxy color 58.0948, 0.3658, 0.3423 looks on a white background.

Color Contrast Check

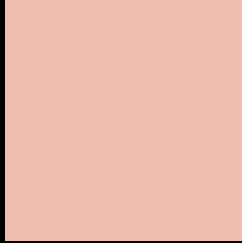
Large Text (above 18pt) WCAG AA × Fail

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 58.0948, 0.3658, 0.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

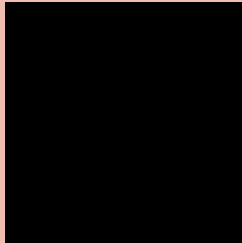
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.0948, 0.3658, 0.3423

Background



This preview shows how black text looks on a background with the Yxy color 58.0948, 0.3658, 0.3423.



This preview shows how white text looks on a background with the Yxy color 58.0948, 0.3658, 0.3423.

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

58.0948, 0.3658, 0.3423

Protanopia

58.2828, 0.3325, 0.3492

Deuteranopia

57.9325, 0.3561, 0.3484



Tritanopia

58.3426, 0.3496, 0.3141

Trichromacy



Original Color

58.0948, 0.3658, 0.3423

Protanomaly

58.0317, 0.3438, 0.3464

Deuteranomaly

58.1575, 0.3598, 0.3471

Tritanomaly

58.2237, 0.3553, 0.3237

Monochromacy



Original Color

58.0948, 0.3658, 0.3423

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.8821, 0.3301, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.0948, 0.3658, 0.3423 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(240, 189, 177)` looks like.

```
.text, #text, p{  
    color:rgb(240, 189, 177)  
}
```

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(240, 189, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 189, 177) }
```

Border

The CSS property to change the border of an element to Yxy 58.0948, 0.3658, 0.3423 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(240, 189, 177) }
```

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

```
.border{ border-color:rgb(240, 189, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 189, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 189, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 189, 177);  
box-shadow:4px 4px 4px 4px rgb(240, 189,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 58.0948, 0.3658, 0.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 189, 177) }
```

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

```
.background{ background-color: rgb(240,  
189, 177) }
```

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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