

Converting Colors

Yxy(58.2018, 0.3673, 0.3466)

Have a look what the booklet for
Yxy(58.2018, 0.3673, 0.3466)
contains.

Yxy(58.2336, 0.3671, 0.3468)	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(58.2336, 0.3671, 0.3468)

Conversions

Conversions Part 1

Format	Color
Hex	EFBEAE
RGB	239, 190, 174
RGB Percent	94%, 75%, 68%
CMY	0.0629, 0.2548, 0.3176
CMYK	0.00, 0.20, 0.27, 0.06
HSL	15°, 67%, 81%
HSV	15°, 27%, 94%
XYZ	61.6423, 58.2336, 48.0410
YIQ	202.8270, 34.3400, 5.4120

Conversions

Conversions Part 2

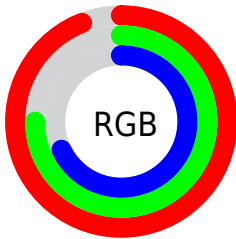
Format	Color
R _Y B	239, 195, 174
Decimal	15711918
CIE Lab	80.87, 15.26, 14.76
CIE LCh	81, 21.228, 44.039
Yxy	58.2336, 0.3671, 0.3468
Android (android.graphics.Color)	4293901998 (0xFFEFBEAE)
YUV	202.8270, -14.2117, 31.7237
Hunter-Lab	76.3109, 10.6443, 16.0920

Details

The Yxy color **58.2336, 0.3671, 0.3468** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **67.9838, 0.2713, 0.3104**, and the grayscale version is **59.6820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.8287, 0.3289, 0.3457**, and **29.2415, 0.3808, 0.3507** is the 20% darker color. If you saturate the color by 10%, you get **50.0598, 0.3946, 0.3537**, and if you desaturate by 10%, it is **67.5425, 0.3439, 0.3400**.

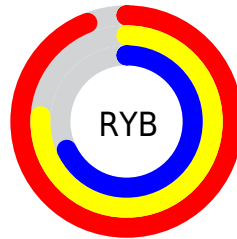
Distribution



Red (94%)

Green (75%)

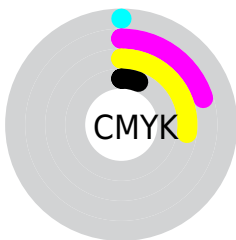
Blue (68%)



Red (94%)

Yellow (76%)

Blue (68%)

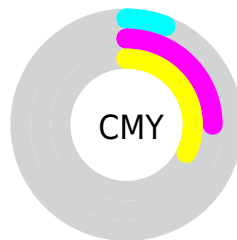


Cyan (0%)

Magenta (20%)

Yellow (27%)

Black (6%)



Cyan (6%)


Magenta (25%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.2336, 0.3671, 0.3468 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 58.2336, 0.3671, 0.3468 by changing the saturation by 10% instead.

 58.2336, 0.3671,
0.3468

 58.2336, 0.3671,
0.3468


418.0558, 0.3407,
0.3388

 41.9965, 0.3734,
0.3485

 102.2630, 0.3577,
0.3441

 29.0985, 0.3815,
0.3506


130.8240, 0.3541,
0.3430

 19.1554, 0.3919,
0.3532


164.2618, 0.3510,
0.3421

 11.7826, 0.4059,
0.3563

202.9607, 0.3484,
0.3413

 6.5958, 0.4258,
0.3601

247.3052, 0.3461,
0.3405

 3.2106, 0.4560,
0.3644

297.6796, 0.3441,

 1.2427, 0.5296,

0.3399

0.3843

354.4683, 0.3423,
0.3393

0.0961, 0.8283,
0.1717

0.0000, 0.0000,
0.0000

58.2336, 0.3671,
0.3468

58.2336, 0.3671,
0.3468

50.0598, 0.3946,
0.3537

67.5425, 0.3439,
0.3400

42.9691, 0.4268,
0.3601

78.0197, 0.3246,
0.3334

36.9176, 0.4632,
0.3654

89.7070, 0.3085,
0.3273

31.8550, 0.5026,
0.3685

97.0849, 0.3029,
0.3290

■ 27.7266, 0.5421,
0.3682

■ 24.4722, 0.5775,
0.3638

■ 22.0224, 0.6046,
0.3555

■ 21.4613, 0.6110,
0.3530

Harmonies

Analogous

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



58.2336, 0.3555, 0.3237



58.2336, 0.3671, 0.3468



58.2336, 0.3633, 0.3667

Triad

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



58.2336, 0.3671, 0.3468



58.2336, 0.2924, 0.3576



58.2336, 0.2794, 0.2833

Complementary

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



58.2336, 0.3671, 0.3468



67.9838, 0.2713, 0.3104

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.



58.2336, 0.2641, 0.2899



58.2336, 0.3671, 0.3468



58.2336, 0.2714, 0.3323

Square

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



58.2336, 0.3671, 0.3468



58.2336, 0.3196, 0.3745



58.2336, 0.2612, 0.3073



58.2336, 0.3040, 0.2882

Rectangle

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



58.2336, 0.3671, 0.3468



58.2336, 0.3528, 0.3752



58.2336, 0.2612, 0.3073



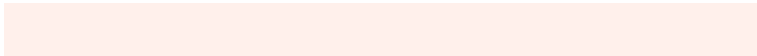
58.2336, 0.2731, 0.2842

Sweetspot

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



58.2363, 0.3671, 0.3468



89.3359, 0.3261, 0.3340



53.9931, 0.3280, 0.2761



18.7140, 0.3288, 0.3349



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.



58.2363, 0.3671, 0.3468



61.7128, 0.3829, 0.3509



73.4555, 0.3583, 0.3800



16.3915, 0.3287, 0.3349



12.0365, 0.6084, 0.3551



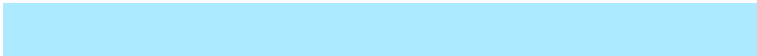
1.1530, 0.5830, 0.3753

Inverse Universe

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



67.9838, 0.2713, 0.3104



74.8565, 0.2627, 0.3057



52.6371, 0.2675, 0.2721



17.2306, 0.2981, 0.3230



21.7231, 0.2020, 0.2473



1.9620, 0.2054, 0.2593

Previews

White Background



This preview shows how the Yxy color 58.2336, 0.3671, 0.3468 looks on a white background.

Color Contrast Check

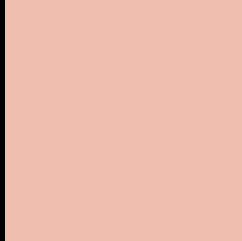
Large Text (above 18pt) WCAG AA × Fail

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 58.2336, 0.3671, 0.3468 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

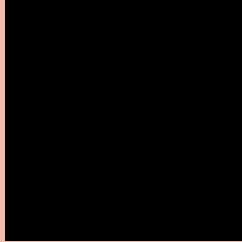
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.2336, 0.3671, 0.3468

Background



This preview shows how black text looks on a background with the Yxy color 58.2336, 0.3671, 0.3468.



This preview shows how white text looks on a background with the Yxy color 58.2336, 0.3671, 0.3468.

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

58.2336, 0.3671, 0.3468

Protanopia

58.2649, 0.3364, 0.3540

Deuteranopia

58.4237, 0.3592, 0.3529



Tritanopia

58.1652, 0.3488, 0.3140

Trichromacy



Original Color

58.2336, 0.3671, 0.3468

Protanomaly

58.0263, 0.3478, 0.3511

Deuteranomaly

58.4807, 0.3620, 0.3516

Tritanomaly

58.0030, 0.3553, 0.3248

Monochromacy



Original Color

58.2336, 0.3671, 0.3468

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.7929, 0.3316, 0.3360

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2336, 0.3671, 0.3468 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(239, 190, 174)` looks like.

```
.text, #text, p{  
    color:rgb(239, 190, 174)  
}
```

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(239, 190, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 190, 174) }
```

Border

The CSS property to change the border of an element to Yxy 58.2336, 0.3671, 0.3468 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(239, 190, 174) }
```

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

```
.border{ border-color:rgb(239, 190, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 190, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 190, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 190, 174);  
box-shadow:4px 4px 4px 4px rgb(239, 190,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2336, 0.3671, 0.3468 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 190, 174) }
```

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

```
.background{ background-color: rgb(239,  
190, 174) }
```

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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