

Converting Colors

$Yxy(58.7385, 0.3491, 0.3438)$

Have a look what the booklet for
Yxy(58.7385, 0.3491, 0.3438)
contains.

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Color

Yxy(58.7385, 0.3491, 0.3438)

Conversions

Conversions Part 1

Format	Color
Hex	E3C3B6
RGB	227, 195, 182
RGB Percent	89%, 76%, 71%
CMY	0.1097, 0.2353, 0.2861
CMYK	0.00, 0.14, 0.20, 0.11
HSL	17°, 45%, 80%
HSV	17°, 20%, 89%
XYZ	59.6440, 58.7385, 52.4683
YIQ	203.0860, 23.2450, 2.7410

Conversions

Conversions Part 2

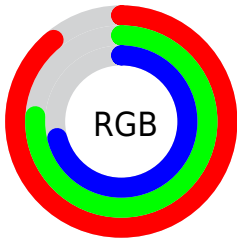
Format	Color
R _Y B	227, 200, 182
Decimal	14926774
CIE Lab	81.15, 9.33, 10.70
CIE LCh	81, 14.193, 48.911
Yxy	58.7385, 0.3491, 0.3438
Android (android.graphics.Color)	4293116854 (0xFFE3C3B6)
YUV	203.0860, -10.3954, 20.9726
Hunter-Lab	76.6410, 4.7914, 13.0589

Details

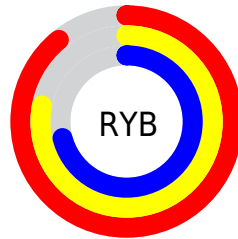
The Yxy color **58.7385, 0.3491, 0.3438** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.6184, 0.2822, 0.3137**, and the grayscale version is **59.8371, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0539, 0.3229, 0.3425**, and **29.2927, 0.3588, 0.3471** is the 20% darker color. If you saturate the color by 10%, you get **51.0229, 0.3727, 0.3518**, and if you desaturate by 10%, it is **67.3954, 0.3292, 0.3361**.

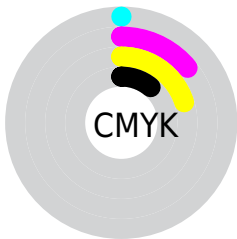
Distribution



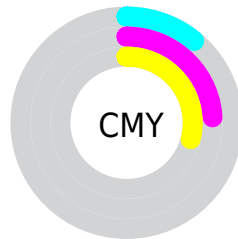
- Red (89%)
- Green (76%)
- Blue (71%)



- Red (89%)
- Yellow (78%)
- Blue (71%)



- Cyan (0%)
- Magenta (14%)
- Yellow (20%)
- Black (11%)



- Cyan (11%)
- Magenta (24%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7385, 0.3491, 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 58.7385, 0.3491, 0.3438 by changing the saturation by 10% instead.


 58.7385, 0.3491,
0.3438

 58.7385, 0.3491,
0.3438

419.9322, 0.3315,
0.3369

 42.4026, 0.3533,
0.3454

 102.9975, 0.3428,
0.3414

 29.4167, 0.3587,
0.3473


131.6895, 0.3404,
0.3405

 19.3963, 0.3656,
0.3497


165.2689, 0.3384,
0.3397

 11.9570, 0.3750,
0.3529

204.1202, 0.3366,
0.3390

 6.7144, 0.3883,
0.3571

248.6278, 0.3351,
0.3384

 3.2841, 0.4088,
0.3629

299.1760, 0.3338,

 1.2818, 0.4496,

0.3379

0.3758

356.1494, 0.3326,
0.3374

0.1271, 0.7328,
0.2672

0.0000, 0.0000,
0.0000

58.7385, 0.3491,
0.3438

58.7385, 0.3491,
0.3438

51.0229, 0.3727,
0.3518

67.3954, 0.3292,
0.3361

44.2085, 0.4005,
0.3597

77.0161, 0.3124,
0.3289

38.2638, 0.4324,
0.3670

87.6325, 0.2984,
0.3222

33.1526, 0.4680,
0.3728

95.0738, 0.2958,
0.3290

■ 28.8358, 0.5057,
0.3760

■ 25.2711, 0.5427,
0.3753

■ 22.4114, 0.5754,
0.3700

■ 20.1975, 0.6008,
0.3610

■ 20.1618, 0.6012,
0.3608

Harmonies

Analogous

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



58.7385, 0.3430, 0.3283



58.7385, 0.3491, 0.3438



58.7385, 0.3451, 0.3561

Triad

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



58.7385, 0.3491, 0.3438



58.7385, 0.2966, 0.3454



58.7385, 0.2928, 0.2981

Complementary

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



58.7385, 0.3491, 0.3438



63.6184, 0.2822, 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.



58.7385, 0.2811, 0.3016



58.7385, 0.3491, 0.3438



58.7385, 0.2833, 0.3286

Square

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



58.7385, 0.3491, 0.3438



58.7385, 0.3145, 0.3576



58.7385, 0.2777, 0.3126



58.7385, 0.3101, 0.3025

Rectangle

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



58.7385, 0.3491, 0.3438



58.7385, 0.3374, 0.3606



58.7385, 0.2777, 0.3126



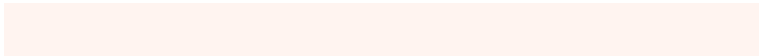
58.7385, 0.2881, 0.2984

Sweetspot

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



58.7412, 0.3491, 0.3438



92.3001, 0.3225, 0.3333



54.6731, 0.3250, 0.2933



19.5826, 0.3236, 0.3338



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.



58.7412, 0.3491, 0.3438



71.9504, 0.3589, 0.3473



69.4786, 0.3444, 0.3681



15.0410, 0.3285, 0.3358



11.9298, 0.5986, 0.3629



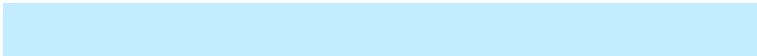
1.0369, 0.5698, 0.3857

Inverse Universe

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



63.6184, 0.2822, 0.3137



79.4436, 0.2756, 0.3100



53.0997, 0.2805, 0.2866



15.5979, 0.2981, 0.3221



18.4309, 0.1980, 0.2326



1.5193, 0.2023, 0.2484

Previews

White Background



This preview shows how the Yxy color 58.7385, 0.3491, 0.3438 looks on a white background.

Color Contrast Check

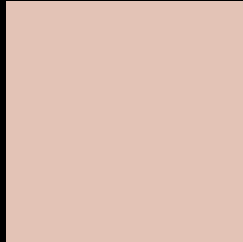
Large Text (above 18pt) WCAG AA × Fail

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 58.7385, 0.3491, 0.3438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

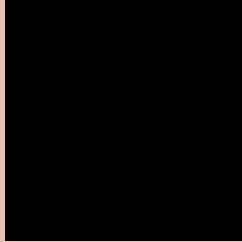
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.7385, 0.3491, 0.3438

Background



This preview shows how black text looks on a background with the Yxy color 58.7385, 0.3491, 0.3438.



This preview shows how white text looks on a background with the Yxy color 58.7385, 0.3491, 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

58.7385, 0.3491, 0.3438

Protanopia

58.8314, 0.3308, 0.3480

Deuteranopia

58.4550, 0.3502, 0.3427



Tritanopia

58.5408, 0.3331, 0.3125

Trichromacy



Original Color

58.7385, 0.3491, 0.3438

Protanomaly

58.9065, 0.3376, 0.3465

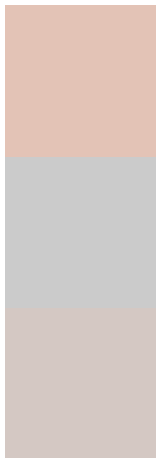
Deuteranomaly

58.4550, 0.3502, 0.3427

Tritanomaly

58.3885, 0.3393, 0.3235

Monochromacy



Original Color

58.7385, 0.3491, 0.3438

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.2457, 0.3259, 0.3349

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7385, 0.3491, 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(227, 195, 182)` looks like.

```
.text, #text, p{  
    color:rgb(227, 195, 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(227, 195, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 195, 182) }
```

Border

The CSS property to change the border of an element to Yxy 58.7385, 0.3491, 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(227, 195, 182) }
```

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

```
.border{ border-color:rgb(227, 195, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 195, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 195, 182); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 195, 182); box-shadow:4px 4px 4px 4px rgb(227, 195, 182) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7385, 0.3491, 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(227, 195, 182) }
```

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

```
.background{ background-color: rgb(227,  
195, 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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