

Converting Colors

Yxy(58.4711, 0.3458, 0.3432)

Have a look what the booklet for
Yxy(58.4711, 0.3458, 0.3432)
contains.

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Color

Yxy(58.2964, 0.3458, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	E0C3B7
RGB	224, 195, 183
RGB Percent	88%, 76%, 72%
CMY	0.1215, 0.2353, 0.2823
CMYK	0.00, 0.13, 0.18, 0.12
HSL	18°, 40%, 80%
HSV	18°, 18%, 88%
XYZ	58.8066, 58.2964, 52.9565
YIQ	202.3030, 21.1360, 2.4160

Conversions

Conversions Part 2

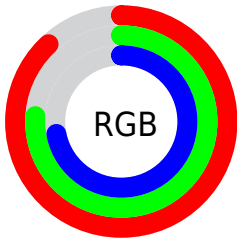
Format	Color
R _Y B	224, 200, 183
Decimal	14730167
CIE Lab	80.90, 8.37, 9.79
CIE LCh	81, 12.880, 49.479
Yxy	58.2964, 0.3458, 0.3428
Android (android.graphics.Color)	4292920247 (0xFFE0C3B7)
YUV	202.3030, -9.5164, 19.0283
Hunter-Lab	76.3521, 3.8650, 12.3239

Details

The Yxy color $58.2964, 0.3458, 0.3428$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $62.5495, 0.2845, 0.3148$, and the grayscale version is $59.3150, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.1128, 0.3223, 0.3416$, and $28.9863, 0.3543, 0.3457$ is the 20% darker color. If you saturate the color by 10%, you get $50.7090, 0.3688, 0.3509$, and if you desaturate by 10%, it is $66.7915, 0.3264, 0.3351$.

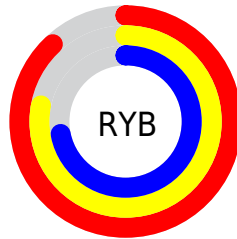
Distribution



Red (88%)

Green (76%)

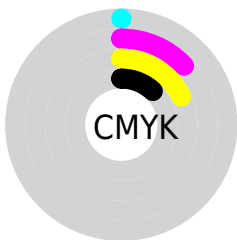
Blue (72%)



Red (88%)

Yellow (78%)

Blue (72%)

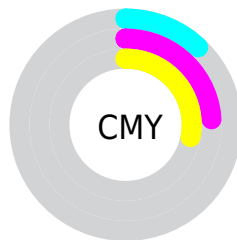


Cyan (0%)

Magenta (13%)

Yellow (18%)

Black (12%)



Cyan (12%)

Magenta (24%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2964, 0.3458, 0.3428 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 58.2964, 0.3458, 0.3428 by changing the saturation by 10% instead.


 58.2964, 0.3458,
0.3428

 58.2964, 0.3458,
0.3428


418.2895, 0.3298,
0.3364

 42.0470, 0.3497,
0.3443

 102.3544, 0.3401,
0.3406

 29.1381, 0.3545,
0.3461


130.9317, 0.3379,
0.3397

 19.1853, 0.3608,
0.3484


164.3871, 0.3361,
0.3389

 11.8042, 0.3694,
0.3514

203.1050, 0.3345,
0.3383

 6.6105, 0.3816,
0.3555

247.4698, 0.3331,
0.3377

 3.2197, 0.4005,
0.3613

297.8659, 0.3318,

 1.2475, 0.4377,

0.3372

0.3737

354.6777, 0.3307,
0.3368

0.1000, 0.7496,
0.2504

0.0000, 0.0000,
0.0000

58.2964, 0.3458,
0.3428

58.2964, 0.3458,
0.3428

50.7090, 0.3688,
0.3509

66.7915, 0.3264,
0.3351

43.9911, 0.3957,
0.3590

76.2154, 0.3102,
0.3278

38.1131, 0.4269,
0.3665

86.5983, 0.2965,
0.3211

33.0406, 0.4618,
0.3727

94.5896, 0.2940,
0.3289

■ 28.7371, 0.4991,
0.3765

■ 25.1624, 0.5363,
0.3765

■ 22.2728, 0.5697,
0.3720

■ 20.0158, 0.5961,
0.3633

■ 19.6888, 0.6001,
0.3617

Harmonies

Analogous

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



58.2964, 0.3404, 0.3286



58.2964, 0.3458, 0.3428



58.2964, 0.3420, 0.3538

Triad

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



58.2964, 0.3458, 0.3428



58.2964, 0.2978, 0.3436



58.2964, 0.2949, 0.3008

Complementary

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



58.2964, 0.3458, 0.3428



62.5495, 0.2845, 0.3148

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.



58.2964, 0.2840, 0.3039



58.2964, 0.3458, 0.3428



58.2964, 0.2857, 0.3284

Square

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



58.2964, 0.3458, 0.3428



58.2964, 0.3141, 0.3548



58.2964, 0.2807, 0.3139



58.2964, 0.3107, 0.3049

Rectangle

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



58.2964, 0.3458, 0.3428



58.2964, 0.3349, 0.3578



58.2964, 0.2807, 0.3139



58.2964, 0.2905, 0.3011

Sweetspot

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



58.2990, 0.3458, 0.3428



93.5843, 0.3208, 0.3326



54.4936, 0.3239, 0.2961



19.8434, 0.3220, 0.3332



0.0000, 0.0000, 0.0000



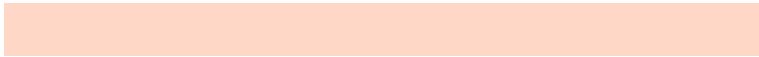
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.2990, 0.3458, 0.3428



74.1354, 0.3542, 0.3459



67.9359, 0.3418, 0.3650



14.3503, 0.3285, 0.3359



11.6317, 0.5974, 0.3639



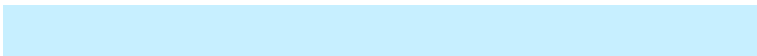
0.9580, 0.5669, 0.3881

Inverse Universe

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



62.5495, 0.2845, 0.3148



80.8444, 0.2786, 0.3115



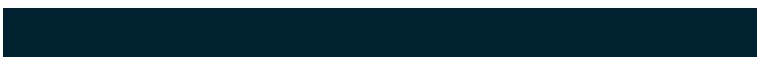
53.1033, 0.2832, 0.2902



14.8599, 0.2982, 0.3220



17.6728, 0.1976, 0.2312



1.3774, 0.2023, 0.2481

Previews

White Background



This preview shows how the Yxy color 58.2964, 0.3458, 0.3428 looks on a white background.

Color Contrast Check

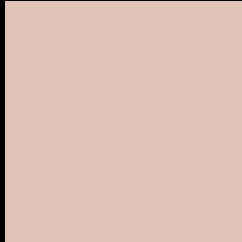
Large Text (above 18pt) WCAG AA × Fail

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 58.2964, 0.3458, 0.3428 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

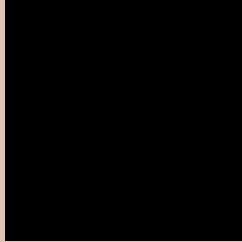
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.2964, 0.3458, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 58.2964, 0.3458, 0.3428.



This preview shows how white text looks on a background with the Yxy color 58.2964, 0.3458, 0.3428.

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

58.2964, 0.3458, 0.3428

Protanopia

58.2636, 0.3294, 0.3456

Deuteranopia

58.3334, 0.3485, 0.3416



Tritanopia

58.0487, 0.3306, 0.3123

Trichromacy



Original Color

58.2964, 0.3458, 0.3428

Protanomaly

58.1871, 0.3354, 0.3443

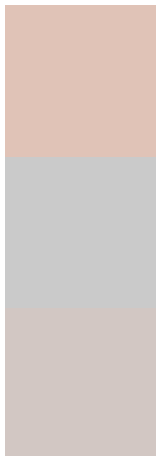
Deuteranomaly

58.1712, 0.3477, 0.3416

Tritanomaly

57.9452, 0.3360, 0.3223

Monochromacy



Original Color

58.2964, 0.3458, 0.3428

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.4886, 0.3244, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2964, 0.3458, 0.3428 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 $rgb(224, 195, 183)$ looks like.

```
.text, #text, p{  
    color:rgb(224, 195, 183)  
}
```

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(224, 195, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 195, 183) }
```

Border

The CSS property to change the border of an element to Yxy 58.2964, 0.3458, 0.3428 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(224, 195, 183) }
```

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

```
.border{ border-color:rgb(224, 195, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 195, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 195, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 195, 183);  
box-shadow:4px 4px 4px 4px rgb(224, 195,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2964, 0.3458, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 195, 183) }
```

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

```
.background{ background-color: rgb(224,  
195, 183) }
```

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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