

Converting Colors

Yxy(58.2830, 0.3645, 0.3729)

Have a look what the booklet for
Yxy(58.2830, 0.3645, 0.3729)
contains.

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Color

Yxy(58.2830, 0.3645, 0.3729)

Conversions

Conversions Part 1

Format	Color
Hex	E0C59F
RGB	224, 197, 159
RGB Percent	88%, 77%, 62%
CMY	0.1215, 0.2275, 0.3765
CMYK	0.00, 0.12, 0.29, 0.12
HSL	35°, 51%, 75%
HSV	35°, 29%, 88%
XYZ	56.9701, 58.2830, 41.0435
YIQ	200.7410, 28.2900, -6.0940

Conversions

Conversions Part 2

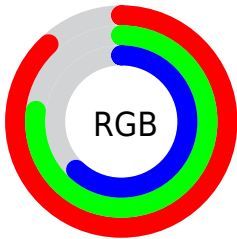
Format	Color
R _Y B	205, 224, 159
Decimal	14730655
CIE Lab	80.90, 3.92, 22.59
CIE LCh	81, 22.925, 80.158
Yxy	58.2830, 0.3645, 0.3729
Android (android.graphics.Color)	4292920735 (0xFFE0C59F)
YUV	200.7410, -20.5783, 20.3981
Hunter-Lab	76.3433, -0.3977, 21.5650

Details

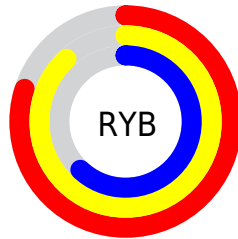
The Yxy color **58.2830, 0.3645, 0.3729** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.8801, 0.2657, 0.2807**, and the grayscale version is **58.3592, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9987, 0.3371, 0.3681**, and **29.0313, 0.3783, 0.3837** is the 20% darker color. If you saturate the color by 10%, you get **53.4784, 0.3861, 0.3885**, and if you desaturate by 10%, it is **63.4950, 0.3448, 0.3573**.

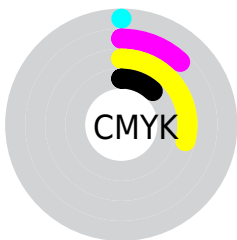
Distribution



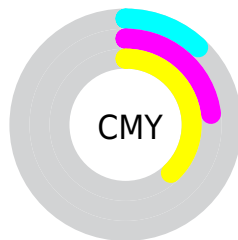
- Red (88%)
- Green (77%)
- Blue (62%)



- Red (80%)
- Yellow (88%)
- Blue (62%)



- Cyan (0%)
- Magenta (12%)
- Yellow (29%)
- Black (12%)





- Cyan (12%)
- Magenta (23%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.2830, 0.3645, 0.3729 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 58.2830, 0.3645, 0.3729 by changing the saturation by 10% instead.

 58.2830, 0.3645,
0.3729

 58.2830, 0.3645,
0.3729


418.2396, 0.3396,
0.3521

 42.0362, 0.3704,
0.3777


 102.3349, 0.3557,
0.3656

 29.1296, 0.3778,
0.3837


 130.9087, 0.3523,
0.3628

 19.1789, 0.3872,
0.3912


164.3604, 0.3494,
0.3604

 11.7996, 0.3998,
0.4011

203.0742, 0.3469,
0.3583

 6.6074, 0.4170,
0.4142

247.4347, 0.3447,
0.3565

 3.2178, 0.4418,
0.4321

297.8262, 0.3428,

 1.2465, 0.5122,

0.3548

0.4878

354.6330, 0.3411,
0.3534

0.0992, 0.6569,
0.3431

0.0000, 0.0000,
0.0000

58.2830, 0.3645,
0.3729

58.2830, 0.3645,
0.3729

53.4784, 0.3861,
0.3885

63.4950, 0.3448,
0.3573

49.0611, 0.4092,
0.4032

69.1181, 0.3270,
0.3421

45.0204, 0.4332,
0.4161

75.1660, 0.3113,
0.3276

41.3422, 0.4572,
0.4260

81.6491, 0.2973,
0.3141

■ 38.0108, 0.4797,
0.4317

■ 87.5034, 0.2938,
0.3173

■ 35.0085, 0.4996,
0.4322

■ 93.2353, 0.2940,
0.3268

■ 32.3103, 0.5161,
0.4277

■ 94.5915, 0.2941,
0.3289

■ 32.0620, 0.5177,
0.4272

Harmonies

Analogous

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



58.2830, 0.3720, 0.3529



58.2830, 0.3645, 0.3729



58.2830, 0.3429, 0.3820

Triad

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



58.2830, 0.3645, 0.3729



58.2830, 0.2649, 0.3266



58.2830, 0.3093, 0.2875

Complementary

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



58.2830, 0.3645, 0.3729



47.8801, 0.2657, 0.2807

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.



58.2830, 0.2815, 0.2800



58.2830, 0.3645, 0.3729



58.2830, 0.2568, 0.3008

Square

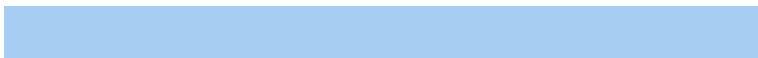
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



58.2830, 0.3645, 0.3729



58.2830, 0.2854, 0.3548



58.2830, 0.2627, 0.2843



58.2830, 0.3393, 0.3048

Rectangle

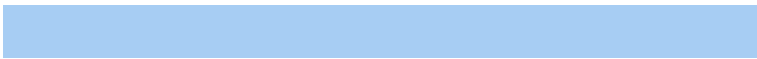
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



58.2830, 0.3645, 0.3729



58.2830, 0.3239, 0.3797



58.2830, 0.2627, 0.2843



58.2830, 0.2994, 0.2838

Sweetspot

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



58.2857, 0.3645, 0.3729



92.6735, 0.3271, 0.3421



44.1940, 0.3503, 0.2976



19.5919, 0.3296, 0.3443



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.



58.2857, 0.3645, 0.3729



74.0982, 0.3777, 0.3826



70.8277, 0.3523, 0.4023



15.0247, 0.3277, 0.3427



18.8895, 0.5158, 0.4287



1.4848, 0.4969, 0.4437

Inverse Universe

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



47.8801, 0.2657, 0.2807



57.9381, 0.2550, 0.2684



38.1131, 0.2660, 0.2458



14.1745, 0.2981, 0.3149



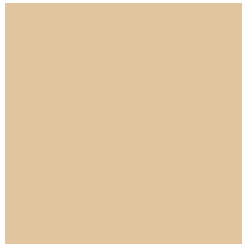
7.9145, 0.1699, 0.1315



0.7223, 0.1783, 0.1619

Previews

White Background



This preview shows how the Yxy color 58.2830, 0.3645, 0.3729 looks on a white background.

Color Contrast Check

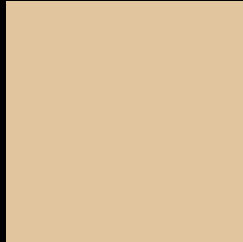
Large Text (above 18pt) WCAG AA × Fail

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 58.2830, 0.3645, 0.3729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

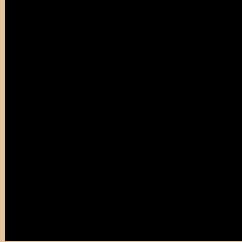
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

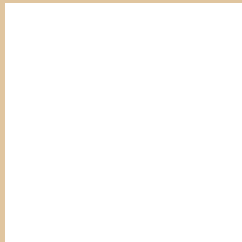
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 58.2830, 0.3645, 0.3729

Background



This preview shows how black text looks on a background with the Yxy color 58.2830, 0.3645, 0.3729.



This preview shows how white text looks on a background with the Yxy color 58.2830, 0.3645, 0.3729.

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

58.2830, 0.3645, 0.3729

Protanopia

58.4926, 0.3524, 0.3765

Deuteranopia

58.1704, 0.3735, 0.3661



Tritanopia

58.3274, 0.3331, 0.3135

Trichromacy



Original Color

58.2830, 0.3645, 0.3729

Protanomaly

58.5983, 0.3568, 0.3760

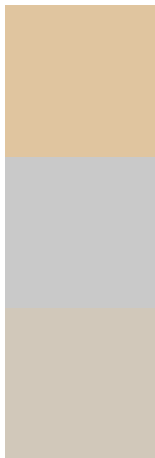
Deuteranomaly

57.9446, 0.3698, 0.3677

Tritanomaly

58.1017, 0.3447, 0.3348

Monochromacy



Original Color

58.2830, 0.3645, 0.3729

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.4090, 0.3302, 0.3456

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2830, 0.3645, 0.3729 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, 197, 159)` looks like.

```
.text, #text, p{  
    color:rgb(224, 197, 159)  
}
```

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, 197, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 197, 159) }
```

Border

The CSS property to change the border of an element to Yxy 58.2830, 0.3645, 0.3729 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, 197, 159) }
```

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

```
.border{ border-color:rgb(224, 197, 159) }
```

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

Here you see how a box with a 4 pixel rgb(224, 197, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 197, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 197, 159);  
box-shadow:4px 4px 4px 4px rgb(224, 197,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2830, 0.3645, 0.3729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 197, 159) }
```

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

```
.background{ background-color: rgb(224,  
197, 159) }
```

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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