

Converting Colors

Yxy(65.4582, 0.3790, 0.3953)

Have a look what the booklet for
Yxy(65.4582, 0.3790, 0.3953)
contains.

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Color

Yxy(65.5719, 0.3787, 0.3958)

Conversions

Conversions Part 1

Format	Color
Hex	ECD194
RGB	236, 209, 148
RGB Percent	93%, 82%, 58%
CMY	0.0745, 0.1804, 0.4197
CMYK	0.00, 0.11, 0.37, 0.07
HSL	42°, 70%, 75%
HSV	42°, 37%, 93%
XYZ	62.7390, 65.5719, 37.3584
YIQ	210.1190, 35.6730, -13.2470

Conversions

Conversions Part 2

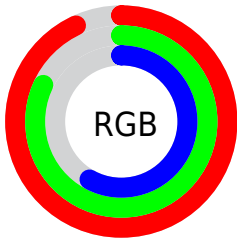
Format	Color
R _Y B	187, 236, 148
Decimal	15520148
CIE Lab	84.78, 0.96, 33.74
CIE LCh	85, 33.754, 88.367
Yxy	65.5719, 0.3787, 0.3958
Android (android.graphics.Color)	4293710228 (0xFFECD194)
YUV	210.1190, -30.6247, 22.6976
Hunter-Lab	80.9765, -3.4106, 29.3301

Details

The Yxy color **65.5719, 0.3787, 0.3958** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **43.0060, 0.2494, 0.2513**, and the grayscale version is **64.7198, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0918, 0.3436, 0.3800**, and **33.8895, 0.3936, 0.4108** is the 20% darker color. If you saturate the color by 10%, you get **61.4296, 0.3990, 0.4132**, and if you desaturate by 10%, it is **70.0341, 0.3592, 0.3776**.

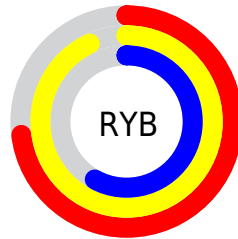
Distribution



Red (93%)

Green (82%)

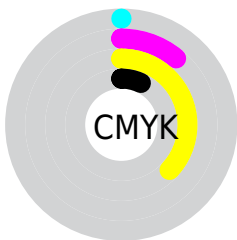
Blue (58%)



Red (73%)

Yellow (93%)

Blue (58%)

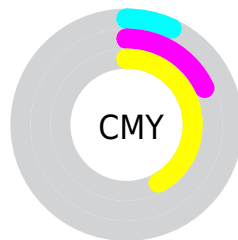


Cyan (0%)

Magenta (11%)

Yellow (37%)

Black (7%)



Cyan (7%)


Magenta (18%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.5719, 0.3787, 0.3958 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 65.5719, 0.3787, 0.3958 by changing the saturation by 10% instead.


 65.5719, 0.3787,
0.3958

 65.5719, 0.3787,
0.3958


444.8443, 0.3480,
0.3649

 47.9250, 0.3856,
0.4027


 112.8717, 0.3681,
0.3851

 33.7675, 0.3941,
0.4112


 143.2933, 0.3640,
0.3810

 22.7150, 0.4045,
0.4216


178.7419, 0.3604,
0.3774

 14.3832, 0.4178,
0.4347

219.6020, 0.3573,
0.3742

 8.3877, 0.4346,
0.4513

266.2579, 0.3545,
0.3715

 4.3440, 0.4577,
0.4738

319.0940, 0.3521,

 1.8678, 0.4927,

0.3690

0.5073

378.4946, 0.3499,
0.3668

■ 0.5289, 0.4987,
0.5013

■ 0.0000, 0.0000,
0.0000

■ 65.5719, 0.3787,
0.3958

■ 65.5719, 0.3787,
0.3958

■ 61.4296, 0.3990,
0.4132

■ 70.0341, 0.3592,
0.3776

■ 57.5866, 0.4194,
0.4287

■ 74.8178, 0.3409,
0.3593

■ 54.0335, 0.4391,
0.4413

■ 79.9359, 0.3240,
0.3415

■ 50.7564, 0.4571,
0.4498

■ 85.3977, 0.3087,
0.3245

47.7392, 0.4723,
0.4534

90.4843, 0.3012,
0.3193

44.9616, 0.4844,
0.4520

94.9563, 0.3012,
0.3265

44.2443, 0.4874,
0.4512

96.5746, 0.3011,
0.3290

Harmonies

Analogous

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



65.5719, 0.3962, 0.3698



65.5719, 0.3787, 0.3958



65.5719, 0.3438, 0.4049

Triad

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



65.5719, 0.3787, 0.3958



65.5719, 0.2411, 0.3137



65.5719, 0.3192, 0.2771

Complementary

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



65.5719, 0.3787, 0.3958



43.0060, 0.2494, 0.2513

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.



65.5719, 0.2783, 0.2626



65.5719, 0.3787, 0.3958



65.5719, 0.2355, 0.2807

Square

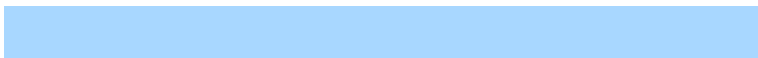
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



65.5719, 0.3787, 0.3958



65.5719, 0.2648, 0.3550



65.5719, 0.2486, 0.2633



65.5719, 0.3609, 0.3033

Rectangle

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



65.5719, 0.3787, 0.3958



65.5719, 0.3160, 0.3978



65.5719, 0.2486, 0.2633



65.5719, 0.3049, 0.2708

Sweetspot

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



65.5749, 0.3787, 0.3958



92.9552, 0.3302, 0.3481



42.1375, 0.3746, 0.2978



19.7178, 0.3324, 0.3505



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.



65.5749, 0.3787, 0.3958



74.2403, 0.3947, 0.4096



77.3297, 0.3568, 0.4257



16.8018, 0.3275, 0.3453



24.6255, 0.4861, 0.4523



2.1026, 0.4746, 0.4614

Inverse Universe

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



43.0060, 0.2494, 0.2513



43.6541, 0.2349, 0.2314



35.1360, 0.2564, 0.2194



15.3026, 0.2980, 0.3122



6.1226, 0.1616, 0.1016



0.6455, 0.1692, 0.1289

Previews

White Background



This preview shows how the Yxy color 65.5719, 0.3787, 0.3958 looks on a white background.

Color Contrast Check

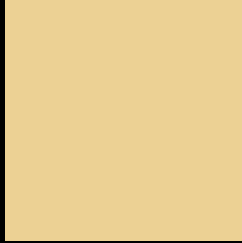
Large Text (above 18pt) WCAG AA × Fail

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 65.5719, 0.3787, 0.3958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

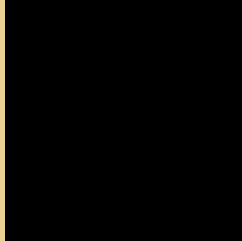
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.5719, 0.3787, 0.3958

Background



This preview shows how black text looks on a background with the Yxy color 65.5719, 0.3787, 0.3958.



This preview shows how white text looks on a background with the Yxy color 65.5719, 0.3787, 0.3958.

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

65.5719, 0.3787, 0.3958

Protanopia

65.7509, 0.3703, 0.3994

Deuteranopia

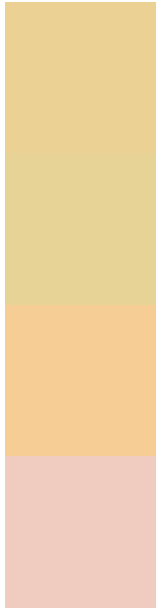
65.5772, 0.3935, 0.3856



Tritanopia

65.3211, 0.3346, 0.3122

Trichromacy



Original Color

65.5719, 0.3787, 0.3958

Protanomaly

65.7474, 0.3731, 0.3978

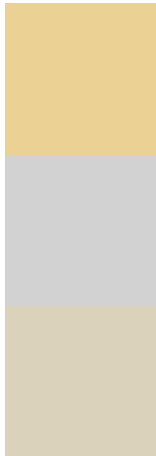
Deuteranomaly

65.4254, 0.3877, 0.3887

Tritanomaly

64.9987, 0.3510, 0.3421

Monochromacy



Original Color

65.5719, 0.3787, 0.3958

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

64.7411, 0.3360, 0.3552

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.5719, 0.3787, 0.3958 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(236, 209, 148)` looks like.

```
.text, #text, p{  
    color:rgb(236, 209, 148)  
}
```

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(236, 209, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 209, 148) }
```

Border

The CSS property to change the border of an element to Yxy 65.5719, 0.3787, 0.3958 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(236, 209, 148) }
```

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

```
.border{ border-color:rgb(236, 209, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 209, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 209, 148); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 209, 148); box-shadow:4px 4px 4px 4px rgb(236, 209, 148) }
```


Background

The CSS property to change the background color of an element to Yxy 65.5719, 0.3787, 0.3958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 209, 148) }
```

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

```
.background{ background-color: rgb(236,  
209, 148) }
```

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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