

Converting Colors

Yxy(65.0566, 0.3742, 0.3910)

Have a look what the booklet for
Yxy(65.0566, 0.3742, 0.3910)
contains.

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Color

Yxy(64.8712, 0.3745, 0.3908)

Conversions

Conversions Part 1

Format	Color
Hex	EAD098
RGB	234, 208, 152
RGB Percent	92%, 82%, 60%
CMY	0.0822, 0.1843, 0.4038
CMYK	0.00, 0.11, 0.35, 0.08
HSL	41°, 66%, 76%
HSV	41°, 35%, 92%
XYZ	62.1655, 64.8712, 38.9592
YIQ	209.3900, 33.4720, -11.9040

Conversions

Conversions Part 2

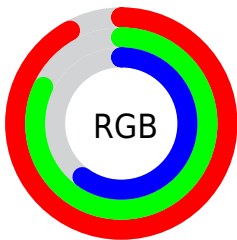
Format	Color
R _Y B	190, 234, 152
Decimal	15388824
CIE Lab	84.42, 1.18, 31.15
CIE LCh	84, 31.169, 87.823
Yxy	64.8712, 0.3745, 0.3908
Android (android.graphics.Color)	4293578904 (0xFFEAD098)
YUV	209.3900, -28.2933, 21.5830
Hunter-Lab	80.5427, -3.1775, 27.7007

Details

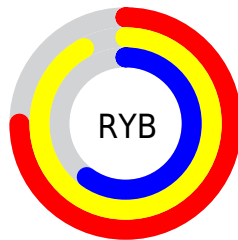
The Yxy color $64.8712, 0.3745, 0.3908$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $44.4878, 0.2538, 0.2581$, and the grayscale version is $64.2057, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.2850, 0.3412, 0.3760$, and $33.3784, 0.3892, 0.4062$ is the 20% darker color. If you saturate the color by 10%, you get $60.6418, 0.3949, 0.4082$, and if you desaturate by 10%, it is $69.4278, 0.3551, 0.3728$.

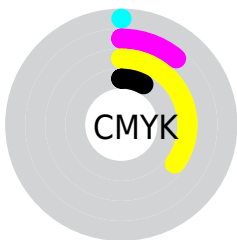
Distribution



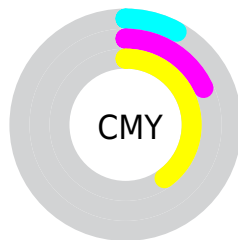
- Red (92%)
- Green (82%)
- Blue (60%)



- Red (75%)
- Yellow (92%)
- Blue (60%)



- Cyan (0%)
- Magenta (11%)
- Yellow (35%)
- Black (8%)




- Cyan (8%)
- Magenta (18%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.8712, 0.3745, 0.3908 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 64.8712, 0.3745, 0.3908 by changing the saturation by 10% instead.


 64.8712, 0.3745,
0.3908


 64.8712, 0.3745,
0.3908


442.3290, 0.3456,
0.3621

 47.3566, 0.3811,
0.3973


 111.8647, 0.3645,
0.3809

 33.3177, 0.3891,
0.4052


 142.1124, 0.3606,
0.3770

 22.3699, 0.3992,
0.4151


177.3732, 0.3572,
0.3736

 14.1290, 0.4120,
0.4276

218.0317, 0.3543,
0.3707

 8.2104, 0.4287,
0.4437

264.4721, 0.3517,
0.3682

 4.2299, 0.4509,
0.4649

317.0788, 0.3495,

 1.8030, 0.4940,

0.3659

0.5060

376.2363, 0.3474,
0.3639

0.4890, 0.5024,
0.4976

0.0000, 0.0000,
0.0000

64.8712, 0.3745,
0.3908

64.8712, 0.3745,
0.3908

60.6418, 0.3949,
0.4082

69.4278, 0.3551,
0.3728

56.7192, 0.4157,
0.4240

74.3130, 0.3370,
0.3548

53.0944, 0.4360,
0.4372

79.5396, 0.3205,
0.3374

49.7537, 0.4549,
0.4465

85.1170, 0.3055,
0.3210

46.6818, 0.4713,
0.4511

90.1164, 0.3000,
0.3192

43.8602, 0.4846,
0.4505

94.7080, 0.3000,
0.3266

42.5414, 0.4903,
0.4489

96.2388, 0.3000,
0.3290

Harmonies

Analogous

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



64.8712, 0.3902, 0.3667



64.8712, 0.3745, 0.3908



64.8712, 0.3424, 0.3992

Triad

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



64.8712, 0.3745, 0.3908



64.8712, 0.2463, 0.3157



64.8712, 0.3181, 0.2803

Complementary

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



64.8712, 0.3745, 0.3908



44.4878, 0.2538, 0.2581

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.



64.8712, 0.2802, 0.2670



64.8712, 0.3745, 0.3908



64.8712, 0.2407, 0.2848

Square

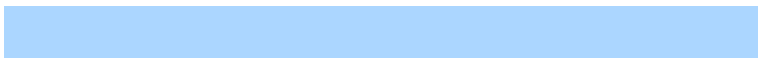
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.8712, 0.3745, 0.3908



64.8712, 0.2688, 0.3538



64.8712, 0.2526, 0.2680



64.8712, 0.3567, 0.3047

Rectangle

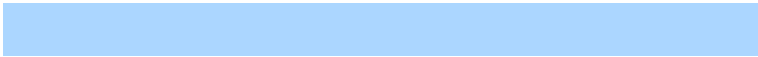
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.8712, 0.3745, 0.3908



64.8712, 0.3167, 0.3928



64.8712, 0.2526, 0.2680



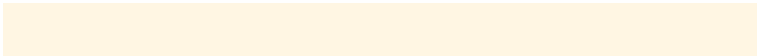
64.8712, 0.3048, 0.2744

Sweetspot

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



64.8742, 0.3745, 0.3908



92.7709, 0.3302, 0.3478



43.2316, 0.3680, 0.2982



19.6737, 0.3325, 0.3502



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.



64.8742, 0.3745, 0.3908



75.1017, 0.3890, 0.4034



76.4078, 0.3553, 0.4194



16.7734, 0.3276, 0.3450



24.1336, 0.4889, 0.4500



2.0668, 0.4769, 0.4596

Inverse Universe

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



44.4878, 0.2538, 0.2581



46.9263, 0.2407, 0.2406



36.4799, 0.2594, 0.2267



15.3297, 0.2980, 0.3125



6.3138, 0.1623, 0.1042



0.6632, 0.1699, 0.1317

Previews

White Background



This preview shows how the Yxy color 64.8712, 0.3745, 0.3908 looks on a white background.

Color Contrast Check

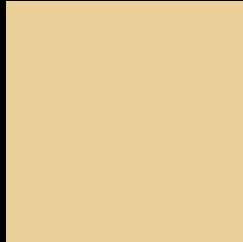
Large Text (above 18pt) WCAG AA × Fail

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 64.8712, 0.3745, 0.3908 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 64.8712, 0.3745, 0.3908

Background



This preview shows how black text looks on a background with the Yxy color 64.8712, 0.3745, 0.3908.



This preview shows how white text looks on a background with the Yxy color 64.8712, 0.3745, 0.3908.

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

64.8712, 0.3745, 0.3908

Protanopia

65.2193, 0.3670, 0.3942

Deuteranopia

64.8650, 0.3892, 0.3808



Tritanopia

64.9156, 0.3338, 0.3132

Trichromacy



Original Color

64.8712, 0.3745, 0.3908

Protanomaly

65.2161, 0.3698, 0.3926

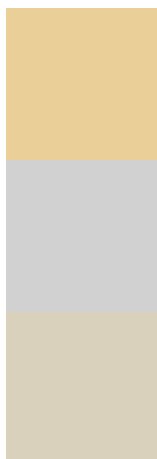
Deuteranomaly

64.7187, 0.3835, 0.3839

Tritanomaly

64.6948, 0.3486, 0.3410

Monochromacy



Original Color

64.8712, 0.3745, 0.3908

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

64.1372, 0.3346, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.8712, 0.3745, 0.3908 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(234, 208, 152)` looks like.

```
.text, #text, p{  
    color:rgb(234, 208, 152)  
}
```

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(234, 208, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 208, 152) }
```

Border

The CSS property to change the border of an element to Yxy 64.8712, 0.3745, 0.3908 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(234, 208, 152) }
```

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

```
.border{ border-color:rgb(234, 208, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 208, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(234, 208, 152); -webkit-box-shadow:4px 4px 4px 4px rgb(234, 208, 152); box-shadow:4px 4px 4px 4px rgb(234, 208, 152) }
```


Background

The CSS property to change the background color of an element to Yxy 64.8712, 0.3745, 0.3908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 208, 152) }
```

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

```
.background{ background-color: rgb(234,  
208, 152) }
```

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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