

Converting Colors

$Yxy(64.6195, 0.3805, 0.4040)$

Have a look what the booklet for
Yxy(64.6195, 0.3805, 0.4040)
contains.

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Color

Yxy(64.6798, 0.3804, 0.4041)

Conversions

Conversions Part 1

Format	Color
Hex	E8D18D
RGB	232, 209, 141
RGB Percent	91%, 82%, 55%
CMY	0.0902, 0.1804, 0.4469
CMYK	0.00, 0.10, 0.39, 0.09
HSL	45°, 66%, 73%
HSV	45°, 39%, 91%
XYZ	60.8864, 64.6798, 34.4927
YIQ	208.1250, 35.5360, -16.2720

Conversions

Conversions Part 2

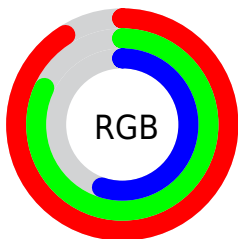
Format	Color
R _Y B	172, 232, 141
Decimal	15257997
CIE Lab	84.32, -1.39, 36.62
CIE LCh	84, 36.650, 92.169
Yxy	64.6798, 0.3804, 0.4041
Android (android.graphics.Color)	4293448077 (0xFFE8D18D)
YUV	208.1250, -33.0926, 20.9384
Hunter-Lab	80.4238, -5.6046, 30.8679

Details

The Yxy color **64.6798, 0.3804, 0.4041** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.0530, 0.2450, 0.2400**, and the grayscale version is **63.3664, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7201, 0.3484, 0.3880**, and **33.2948, 0.3956, 0.4215** is the 20% darker color. If you saturate the color by 10%, you get **61.2387, 0.3994, 0.4223**, and if you desaturate by 10%, it is **68.3774, 0.3617, 0.3848**.

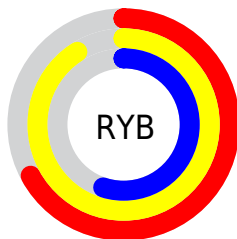
Distribution



Red (91%)

Green (82%)

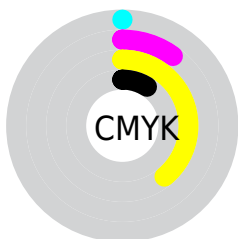
Blue (55%)



Red (67%)

Yellow (91%)

Blue (55%)

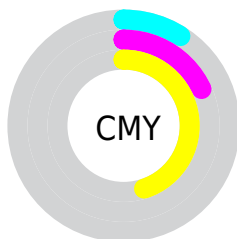


Cyan (0%)

Magenta (10%)

Yellow (39%)

Black (9%)



Cyan (9%)


Magenta (18%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 64.6798, 0.3804, 0.4041 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 64.6798, 0.3804, 0.4041 by changing the saturation by 10% instead.


 64.6798, 0.3804,
0.4041


 64.6798, 0.3804,
0.4041


441.6404, 0.3491,
0.3691


 47.2015, 0.3874,
0.4120

 111.5894, 0.3696,
0.3920

 33.1950, 0.3958,
0.4215


 141.7894, 0.3654,
0.3873

 22.2758, 0.4063,
0.4333


 176.9989, 0.3618,
0.3832

 14.0597, 0.4192,
0.4482

217.6021, 0.3586,
0.3797

 8.1622, 0.4352,
0.4668

263.9834, 0.3558,
0.3766

 4.1989, 0.4602,
0.4960

316.5273, 0.3533,

 1.7854, 0.4793,

0.3738

0.5207

375.6182, 0.3511,
0.3713

■ 0.4781, 0.4680,
0.5320

■ 0.0000, 0.0000,
0.0000

■ 64.6798, 0.3804,
0.4041

■ 64.6798, 0.3804,
0.4041

■ 61.2387, 0.3994,
0.4223

■ 68.3774, 0.3617,
0.3848

■ 58.0349, 0.4180,
0.4383

■ 72.3318, 0.3437,
0.3652

■ 55.0602, 0.4354,
0.4510

■ 76.5550, 0.3270,
0.3460

■ 52.3017, 0.4506,
0.4596

■ 81.0551, 0.3115,
0.3276

■ 49.7446, 0.4630,
0.4633

■ 85.7077, 0.2987,
0.3122

■ 47.3663, 0.4725,
0.4626

■ 89.1830, 0.2987,
0.3181

■ 47.1816, 0.4733,
0.4624

■ 92.7706, 0.2987,
0.3240

■ 95.8936, 0.2987,
0.3290

Harmonies

Analogous

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



64.6798, 0.4026, 0.3771



64.6798, 0.3804, 0.4041



64.6798, 0.3406, 0.4116

Triad

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



64.6798, 0.3804, 0.4041



64.6798, 0.2331, 0.3067



64.6798, 0.3256, 0.2758

Complementary

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



64.6798, 0.3804, 0.4041



38.0530, 0.2450, 0.2400

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.



64.6798, 0.2803, 0.2583



64.6798, 0.3804, 0.4041



64.6798, 0.2298, 0.2729

Square

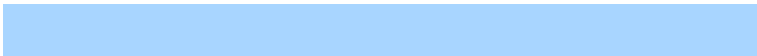
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.6798, 0.3804, 0.4041



64.6798, 0.2563, 0.3516



64.6798, 0.2463, 0.2566



64.6798, 0.3703, 0.3053

Rectangle

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



64.6798, 0.3804, 0.4041



64.6798, 0.3102, 0.4017



64.6798, 0.2463, 0.2566



64.6798, 0.3099, 0.2684

Sweetspot

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



64.6828, 0.3804, 0.4041



93.3490, 0.3316, 0.3514



38.9450, 0.3841, 0.3014



19.8320, 0.3338, 0.3540



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.



64.6828, 0.3804, 0.4041



76.7103, 0.3957, 0.4188



73.4448, 0.3554, 0.4317



16.1681, 0.3274, 0.3465



26.4078, 0.4722, 0.4633



2.0973, 0.4628, 0.4707

Inverse Universe

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



38.0530, 0.2450, 0.2400



39.4506, 0.2297, 0.2179



32.5988, 0.2565, 0.2142



14.4760, 0.2980, 0.3109



5.1192, 0.1583, 0.0897



0.5240, 0.1660, 0.1175

Previews

White Background



This preview shows how the Yxy color 64.6798, 0.3804, 0.4041 looks on a white background.

Color Contrast Check

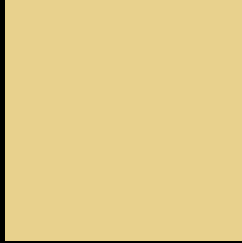
Large Text (above 18pt) WCAG AA × Fail

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 64.6798, 0.3804, 0.4041 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 64.6798, 0.3804, 0.4041

Background



This preview shows how black text looks on a background with the Yxy color 64.6798, 0.3804, 0.4041.



This preview shows how white text looks on a background with the Yxy color 64.6798, 0.3804, 0.4041.

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

64.6798, 0.3804, 0.4041

Protanopia

64.5402, 0.3760, 0.4050

Deuteranopia

64.4519, 0.3990, 0.3897



Tritanopia

64.7401, 0.3330, 0.3131

Trichromacy



Original Color

64.6798, 0.3804, 0.4041

Protanomaly

64.7042, 0.3769, 0.4048

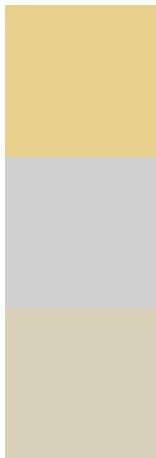
Deuteranomaly

64.5512, 0.3926, 0.3952

Tritanomaly

64.3472, 0.3509, 0.3455

Monochromacy



Original Color

64.6798, 0.3804, 0.4041

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.3242, 0.3369, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.6798, 0.3804, 0.4041 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(232, 209, 141)` looks like.

```
.text, #text, p{  
    color:rgb(232, 209, 141)  
}
```

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(232, 209, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 209, 141) }
```

Border

The CSS property to change the border of an element to Yxy 64.6798, 0.3804, 0.4041 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(232, 209, 141) }
```

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

```
.border{ border-color:rgb(232, 209, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 209, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 209, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 209, 141);  
box-shadow:4px 4px 4px 4px rgb(232, 209,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 64.6798, 0.3804, 0.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 209, 141) }
```

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

```
.background{ background-color: rgb(232,  
209, 141) }
```

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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