

Converting Colors

Yxy(68.1487, 0.3883, 0.4284)

Have a look what the booklet for
Yxy(68.1487, 0.3883, 0.4284)
contains.

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Color

Yxy(68.2622, 0.3877, 0.4283)

Conversions

Conversions Part 1

Format	Color
Hex	E8D97D
RGB	232, 217, 125
RGB Percent	91%, 85%, 49%
CMY	0.0902, 0.1490, 0.5097
CMYK	0.00, 0.06, 0.46, 0.09
HSL	52°, 70%, 70%
HSV	52°, 46%, 91%
XYZ	61.7914, 68.2622, 29.3258
YIQ	210.9970, 38.4720, -25.4320

Conversions

Conversions Part 2

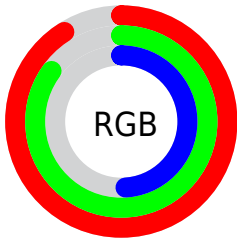
Format	Color
RYB	142, 232, 125
Decimal	15260029
CIELab	86.14, -7.10, 46.94
CIELCh	86, 47.474, 98.604
Yxy	68.2622, 0.3877, 0.4283
Android (android.graphics.Color)	4293450109 (0xFFE8D97D)
YUV	210.9970, -42.3965, 18.4196
Hunter-Lab	82.6209, -11.0882, 36.7900

Details

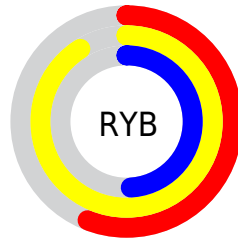
The Yxy color **68.2622, 0.3877, 0.4283** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **28.9420, 0.2289, 0.2045**, and the grayscale version is **65.4075, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.0347, 0.3579, 0.4037**, and **35.3204, 0.4030, 0.4508** is the 20% darker color. If you saturate the color by 10%, you get **66.0815, 0.4034, 0.4469**, and if you desaturate by 10%, it is **70.6207, 0.3711, 0.4076**.

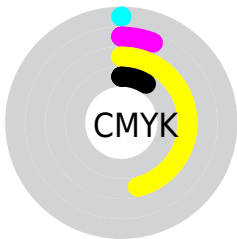
Distribution



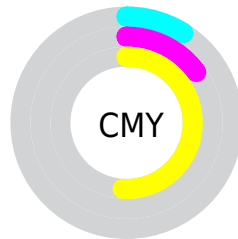
- Red (91%)
- Green (85%)
- Blue (49%)



- Red (56%)
- Yellow (91%)
- Blue (49%)



- Cyan (0%)
- Magenta (6%)
- Yellow (46%)
- Black (9%)




- Cyan (9%)
- Magenta (15%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.2622, 0.3877, 0.4283 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 68.2622, 0.3877, 0.4283 by changing the saturation by 10% instead.

 68.2622, 0.3877,
0.4283

 68.2622, 0.3877,
0.4283

454.4244, 0.3542,
0.3825

 50.1111, 0.3947,
0.4384

 116.7272, 0.3765,
0.4126

 35.5017, 0.4029,
0.4505


 147.8098, 0.3720,
0.4065

 24.0496, 0.4126,
0.4652


 183.9717, 0.3681,
0.4011

 15.3704, 0.4236,
0.4831

225.5973, 0.3647,
0.3964

 9.0797, 0.4355,
0.5046

273.0710, 0.3616,
0.3923

 4.7932, 0.4575,
0.5425

326.7771, 0.3589,

 2.1265, 0.4480,

0.3886

0.5520

387.1002, 0.3564,
0.3854

0.6794, 0.4101,
0.5899

0.0000, 0.0000,
0.0000

68.2622, 0.3877,
0.4283

68.2622, 0.3877,
0.4283

66.0815, 0.4034,
0.4469

70.6207, 0.3711,
0.4076

64.0591, 0.4175,
0.4624

73.1564, 0.3543,
0.3857

62.1869, 0.4294,
0.4738


75.8809, 0.3377,
0.3636

60.4518, 0.4385,
0.4808

78.8019, 0.3219,
0.3419

 58.8377, 0.4448,
0.4832


 81.9265, 0.3071,
0.3210

 58.2321, 0.4468,
0.4835

 84.6540, 0.2987,
0.3103

 86.5471, 0.2987,
0.3137

 88.4744, 0.2987,
0.3170

 90.4362, 0.2987,
0.3202

Harmonies

Analogous

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



68.2622, 0.4227, 0.3961



68.2622, 0.3877, 0.4283



68.2622, 0.3343, 0.4335

Triad

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



68.2622, 0.3877, 0.4283



68.2622, 0.2106, 0.2885



68.2622, 0.3414, 0.2696

Complementary

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



68.2622, 0.3877, 0.4283



28.9420, 0.2289, 0.2045

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.



68.2622, 0.2827, 0.2446



68.2622, 0.3877, 0.4283



68.2622, 0.2120, 0.2516

Square

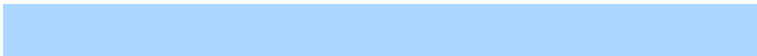
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.2622, 0.3877, 0.4283



68.2622, 0.2334, 0.3444



68.2622, 0.2369, 0.2376



68.2622, 0.3963, 0.3077

Rectangle

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



68.2622, 0.3877, 0.4283



68.2622, 0.2961, 0.4162



68.2622, 0.2369, 0.2376



68.2622, 0.3213, 0.2595

Sweetspot

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



68.2654, 0.3877, 0.4283



94.7619, 0.3344, 0.3591



33.7503, 0.4186, 0.3110



20.1195, 0.3379, 0.3639



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.



68.2654, 0.3877, 0.4283



82.1149, 0.4022, 0.4455



70.7303, 0.3526, 0.4539



16.4549, 0.3271, 0.3490



32.4718, 0.4463, 0.4839



2.4946, 0.4417, 0.4875

Inverse Universe

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



28.9420, 0.2289, 0.2045



28.0062, 0.2105, 0.1751



28.2263, 0.2545, 0.1947



14.2110, 0.2980, 0.3081



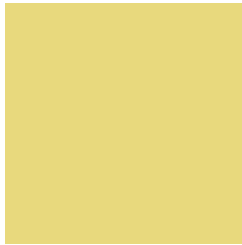
3.9296, 0.1532, 0.0714



0.3941, 0.1592, 0.0929

Previews

White Background



This preview shows how the Yxy color 68.2622, 0.3877, 0.4283 looks on a white background.

Color Contrast Check

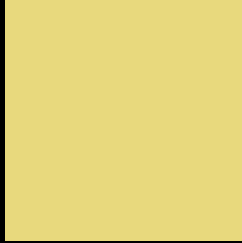
Large Text (above 18pt) WCAG AA × Fail

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 68.2622, 0.3877, 0.4283 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 68.2622, 0.3877, 0.4283

Background



This preview shows how black text looks on a background with the Yxy color 68.2622, 0.3877, 0.4283.



This preview shows how white text looks on a background with the Yxy color 68.2622, 0.3877, 0.4283.

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

68.2622, 0.3877, 0.4283

Protanopia

68.3998, 0.3921, 0.4271

Deuteranopia

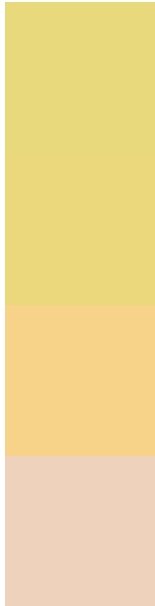
67.9610, 0.3965, 0.3920



Tritanopia

68.2938, 0.3287, 0.3123

Trichromacy



Original Color

68.2622, 0.3877, 0.4283

Protanomaly

68.2291, 0.3912, 0.4274

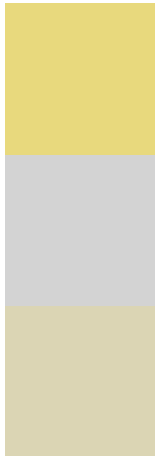
Deuteranomaly

68.1977, 0.3939, 0.4056

Tritanomaly

67.8582, 0.3509, 0.3540

Monochromacy



Original Color

68.2622, 0.3877, 0.4283

Achromatopsia

65.1406, 0.3127, 0.3290

Achromatomaly

65.9439, 0.3405, 0.3666

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2622, 0.3877, 0.4283 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, 217, 125)` looks like.

```
.text, #text, p{  
    color:rgb(232, 217, 125)  
}
```

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, 217, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 217, 125) }
```

Border

The CSS property to change the border of an element to Yxy 68.2622, 0.3877, 0.4283 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, 217, 125) }
```

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

```
.border{ border-color:rgb(232, 217, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 217, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 217, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 217, 125);  
box-shadow:4px 4px 4px 4px rgb(232, 217,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2622, 0.3877, 0.4283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 217, 125) }
```

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

```
.background{ background-color: rgb(232,  
217, 125) }
```

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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