

Converting Colors

Yxy(67.9873, 0.3928, 0.4178)

Have a look what the booklet for
Yxy(67.9873, 0.3928, 0.4178)
contains.

Yxy(67.7255, 0.3928, 0.4172)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.7255, 0.3928, 0.4172)

Conversions

Conversions Part 1

Format	Color
Hex	F0D582
RGB	240, 213, 130
RGB Percent	94%, 84%, 51%
CMY	0.0588, 0.1647, 0.4900
CMYK	0.00, 0.11, 0.46, 0.06
HSL	45°, 79%, 73%
HSV	45°, 46%, 94%
XYZ	63.7646, 67.7255, 30.8433
YIQ	211.6110, 42.7350, -20.0890

Conversions

Conversions Part 2

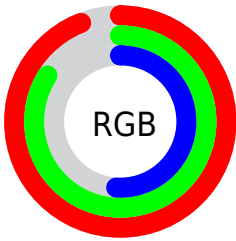
Format	Color
R _Y B	166, 240, 130
Decimal	15783298
CIE Lab	85.87, -1.38, 44.29
CIE LCh	86, 44.308, 91.789
Yxy	67.7255, 0.3928, 0.4172
Android (android.graphics.Color)	4293973378 (0xFFFF0D582)
YUV	211.6110, -40.2342, 24.8972
Hunter-Lab	82.2955, -5.7110, 35.3857

Details

The Yxy color **67.7255, 0.3928, 0.4172** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **35.1735, 0.2321, 0.2206**, and the grayscale version is **65.8223, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2407, 0.3550, 0.3988**, and **35.3059, 0.4093, 0.4366** is the 20% darker color. If you saturate the color by 10%, you get **64.2448, 0.4115, 0.4342**, and if you desaturate by 10%, it is **71.4707, 0.3739, 0.3984**.

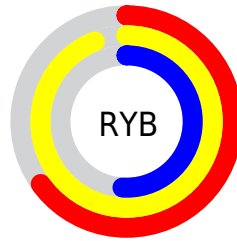
Distribution



Red (94%)

Green (84%)

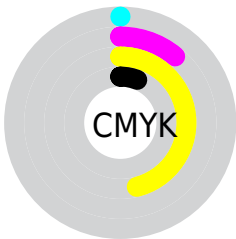
Blue (51%)



Red (65%)

Yellow (94%)

Blue (51%)

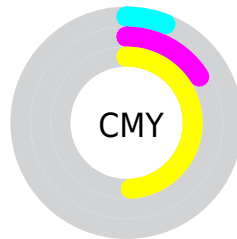


Cyan (0%)

Magenta (11%)

Yellow (46%)

Black (6%)



Cyan (6%)


Magenta (16%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.7255, 0.3928, 0.4172 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 67.7255, 0.3928, 0.4172 by changing the saturation by 10% instead.


 67.7255, 0.3928,
0.4172


 67.7255, 0.3928,
0.4172


452.5228, 0.3564,
0.3769


 49.6744, 0.4006,
0.4260


 115.9594, 0.3805,
0.4035

 35.1548, 0.4100,
0.4364


 146.9110, 0.3756,
0.3981

 23.7821, 0.4212,
0.4491


 182.9315, 0.3714,
0.3934

 15.1721, 0.4345,
0.4643

224.4055, 0.3676,
0.3893

 8.9403, 0.4500,
0.4824

271.7172, 0.3643,
0.3856

 4.7022, 0.4804,
0.5172

325.2511, 0.3614,

 2.0736, 0.4797,

0.3824

0.5203

385.3915, 0.3588,
0.3795

0.6497, 0.4733,
0.5267

0.0000, 0.0000,
0.0000

67.7255, 0.3928,
0.4172

67.7255, 0.3928,
0.4172

64.2448, 0.4115,
0.4342

71.4707, 0.3739,
0.3984

61.0074, 0.4291,
0.4483


75.4815, 0.3555,
0.3787


58.0034, 0.4449,
0.4584


79.7712, 0.3379,
0.3590


55.2174, 0.4580,
0.4639

84.3487, 0.3216,
0.3398

 52.6312, 0.4680,
0.4645

 89.2230, 0.3066,
0.3215

 51.5978, 0.4716,
0.4637

 93.1139, 0.3036,
0.3225

 96.8041, 0.3036,
0.3283

 97.2679, 0.3035,
0.3290

Harmonies

Analogous

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



67.7255, 0.4196, 0.3838



67.7255, 0.3928, 0.4172



67.7255, 0.3456, 0.4283

Triad

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



67.7255, 0.3928, 0.4172



67.7255, 0.2195, 0.3022



67.7255, 0.3269, 0.2664

Complementary

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



67.7255, 0.3928, 0.4172



35.1735, 0.2321, 0.2206

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.



67.7255, 0.2734, 0.2463



67.7255, 0.3928, 0.4172



67.7255, 0.2155, 0.2625

Square

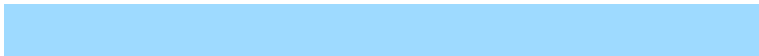
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.7255, 0.3928, 0.4172



67.7255, 0.2463, 0.3564



67.7255, 0.2342, 0.2441



67.7255, 0.3806, 0.3002

Rectangle

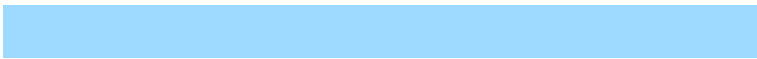
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.7255, 0.3928, 0.4172



67.7255, 0.3096, 0.4173



67.7255, 0.2342, 0.2441



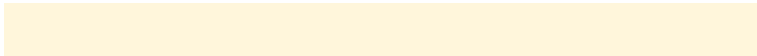
67.7255, 0.3082, 0.2579

Sweetspot

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



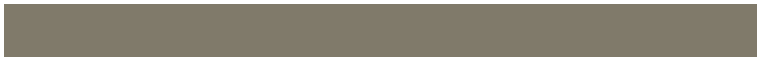
67.7287, 0.3928, 0.4172



92.4419, 0.3350, 0.3555



36.9560, 0.4049, 0.2989



19.5497, 0.3386, 0.3598



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.



67.7287, 0.3928, 0.4172



73.9660, 0.4103, 0.4332



78.0166, 0.3604, 0.4499



17.7628, 0.3274, 0.3467



28.4611, 0.4706, 0.4645



2.5223, 0.4624, 0.4711

Inverse Universe

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



35.1735, 0.2321, 0.2206



32.4071, 0.2145, 0.1938



29.4895, 0.2460, 0.1923



15.8594, 0.2980, 0.3106



5.3285, 0.1578, 0.0880



0.5947, 0.1646, 0.1125

Previews

White Background



This preview shows how the Yxy color 67.7255, 0.3928, 0.4172 looks on a white background.

Color Contrast Check

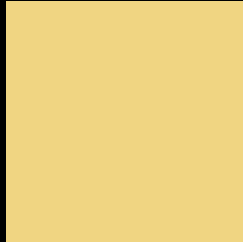
Large Text (above 18pt) WCAG AA × Fail

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 67.7255, 0.3928, 0.4172 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 67.7255, 0.3928, 0.4172

Background



This preview shows how black text looks on a background with the Yxy color 67.7255, 0.3928, 0.4172.



This preview shows how white text looks on a background with the Yxy color 67.7255, 0.3928, 0.4172.

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

67.7255, 0.3928, 0.4172

Protanopia

67.9017, 0.3872, 0.4196

Deuteranopia

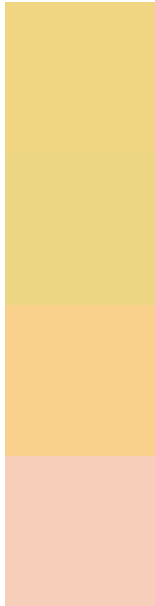
67.4469, 0.3976, 0.3920



Tritanopia

67.4428, 0.3376, 0.3125

Trichromacy



Original Color

67.7255, 0.3928, 0.4172

Protanomaly

67.7364, 0.3892, 0.4181

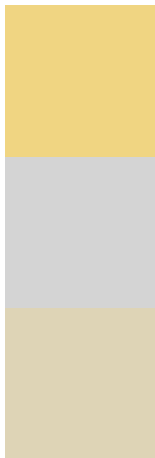
Deuteranomaly

67.8184, 0.3959, 0.4009

Tritanomaly

67.2806, 0.3590, 0.3504

Monochromacy



Original Color

67.7255, 0.3928, 0.4172

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.9940, 0.3416, 0.3630

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7255, 0.3928, 0.4172 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(240, 213, 130)` looks like.

```
.text, #text, p{  
    color:rgb(240, 213, 130)  
}
```

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(240, 213, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 213, 130) }
```

Border

The CSS property to change the border of an element to Yxy 67.7255, 0.3928, 0.4172 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(240, 213, 130) }
```

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

```
.border{ border-color:rgb(240, 213, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 213, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(240, 213, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(240, 213, 130); box-shadow:4px 4px 4px 4px rgb(240, 213, 130) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7255, 0.3928, 0.4172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 213, 130) }
```

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

```
.background{ background-color: rgb(240,  
213, 130) }
```

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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