

Converting Colors

Yxy(61.4320, 0.4064, 0.4178)

Have a look what the booklet for
Yxy(61.4320, 0.4064, 0.4178)
contains.

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Color

Yxy(61.4320, 0.4064, 0.4178)

Conversions

Conversions Part 1

Format	Color
Hex	EFC976
RGB	239, 201, 118
RGB Percent	94%, 79%, 46%
CMY	0.0627, 0.2118, 0.5372
CMYK	0.00, 0.16, 0.51, 0.06
HSL	41°, 79%, 70%
HSV	41°, 51%, 94%
XYZ	59.7558, 61.4320, 25.8491
YIQ	202.9000, 49.2910, -17.7570

Conversions

Conversions Part 2

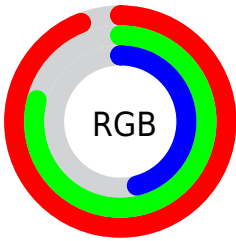
Format	Color
RYB	173, 239, 118
Decimal	15714678
CIELab	82.61, 3.29, 46.18
CIELCh	83, 46.296, 85.924
Yxy	61.4320, 0.4064, 0.4178
Android (android.graphics.Color)	4293904758 (0xFFEFC976)
YUV	202.9000, -41.8557, 31.6597
Hunter-Lab	78.3786, -1.0742, 35.3113

Details

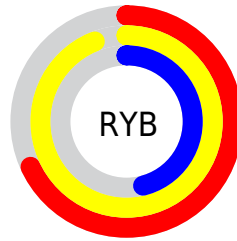
The Yxy color **61.4320, 0.4064, 0.4178** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **33.8660, 0.2252, 0.2182**, and the grayscale version is **59.9019, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7586, 0.3620, 0.4105**, and **31.0964, 0.4278, 0.4361** is the 20% darker color. If you saturate the color by 10%, you get **57.5216, 0.4269, 0.4323**, and if you desaturate by 10%, it is **65.6632, 0.3858, 0.4011**.

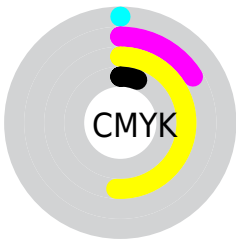
Distribution



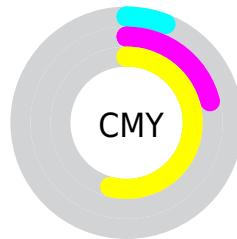
- Red (94%)
- Green (79%)
- Blue (46%)



- Red (68%)
- Yellow (94%)
- Blue (46%)



- Cyan (0%)
- Magenta (16%)
- Yellow (51%)
- Black (6%)




- Cyan (6%)
- Magenta (21%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.4320, 0.4064, 0.4178 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 61.4320, 0.4064, 0.4178 by changing the saturation by 10% instead.


 61.4320, 0.4064,
0.4178

 61.4320, 0.4064,
0.4178


429.8562, 0.3631,
0.3774

 44.5739, 0.4159,
0.4264


 106.9042, 0.3916,
0.4042

 31.1219, 0.4272,
0.4366


 136.2871, 0.3858,
0.3987

 20.6917, 0.4408,
0.4486


 170.6137, 0.3807,
0.3940

 12.8988, 0.4569,
0.4624

210.2684, 0.3763,
0.3899

 7.3589, 0.4762,
0.4781

255.6356, 0.3724,
0.3862

 3.6876, 0.5020,
0.4980

307.0997, 0.3689,

 1.5004, 0.5070,

0.3829

0.4930

365.0451, 0.3658,
0.3800

■ 0.2890, 0.5512,
0.4488

■ 0.0000, 0.0000,
0.0000

■ 61.4320, 0.4064,
0.4178

■ 61.4320, 0.4064,
0.4178

■ 57.5216, 0.4269,
0.4323

■ 65.6632, 0.3858,
0.4011

■ 53.9099, 0.4465,
0.4435


■ 70.2188, 0.3658,
0.3832


■ 50.5845, 0.4639,
0.4503


■ 75.1132, 0.3469,
0.3650

■ 47.5277, 0.4785,
0.4521

■ 80.3568, 0.3295,
0.3471

 44.8806, 0.4895,
0.4496

 85.9598, 0.3137,
0.3300

 91.5116, 0.3030,
0.3202

 96.1724, 0.3030,
0.3276

 97.0923, 0.3029,
0.3290

Harmonies

Analogous

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



61.4320, 0.4299, 0.3786



61.4320, 0.4064, 0.4178



61.4320, 0.3586, 0.4367

Triad

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



61.4320, 0.4064, 0.4178



61.4320, 0.2164, 0.3102



61.4320, 0.3159, 0.2565

Complementary

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



61.4320, 0.4064, 0.4178



33.8660, 0.2252, 0.2182

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.



61.4320, 0.2606, 0.2385



61.4320, 0.4064, 0.4178



61.4320, 0.2076, 0.2638

Square

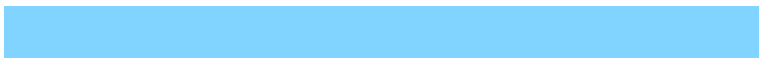
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.4320, 0.4064, 0.4178



61.4320, 0.2493, 0.3704



61.4320, 0.2228, 0.2400



61.4320, 0.3756, 0.2900

Rectangle

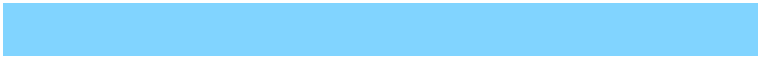
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.4320, 0.4064, 0.4178



61.4320, 0.3203, 0.4302



61.4320, 0.2228, 0.2400



61.4320, 0.2961, 0.2485

Sweetspot

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



61.4349, 0.4064, 0.4178



90.3494, 0.3370, 0.3550



33.7221, 0.4098, 0.2872



19.0644, 0.3407, 0.3588



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.



61.4349, 0.4064, 0.4178



66.3806, 0.4281, 0.4331



77.7713, 0.3703, 0.4593



17.5727, 0.3276, 0.3451



25.0453, 0.4881, 0.4507



2.2607, 0.4768, 0.4596

Inverse Universe

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



33.8660, 0.2252, 0.2182



31.1746, 0.2067, 0.1902



24.7831, 0.2311, 0.1740



16.0388, 0.2980, 0.3123



6.4367, 0.1620, 0.1032



0.7069, 0.1692, 0.1291

Previews

White Background



This preview shows how the Yxy color 61.4320, 0.4064, 0.4178 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 61.4320, 0.4064, 0.4178 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 61.4320, 0.4064, 0.4178

Background



This preview shows how black text looks on a background with the Yxy color 61.4320, 0.4064, 0.4178.



This preview shows how white text looks on a background with the Yxy color 61.4320, 0.4064, 0.4178.

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

61.4320, 0.4064, 0.4178

Protanopia

61.6674, 0.3914, 0.4248

Deuteranopia

61.1358, 0.4178, 0.4087



Tritanopia

61.4435, 0.3479, 0.3143

Trichromacy



Original Color

61.4320, 0.4064, 0.4178

Protanomaly

61.5066, 0.3974, 0.4223

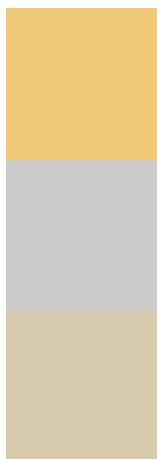
Deuteranomaly

61.3129, 0.4133, 0.4118

Tritanomaly

61.2804, 0.3707, 0.3530

Monochromacy



Original Color

61.4320, 0.4064, 0.4178

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.8185, 0.3463, 0.3641

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.4320, 0.4064, 0.4178 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(239, 201, 118)` looks like.

```
.text, #text, p{  
    color:rgb(239, 201, 118)  
}
```

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(239, 201, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 201, 118) }
```

Border

The CSS property to change the border of an element to Yxy 61.4320, 0.4064, 0.4178 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(239, 201, 118) }
```

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

```
.border{ border-color:rgb(239, 201, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 201, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 201, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 201, 118);  
box-shadow:4px 4px 4px 4px rgb(239, 201,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 61.4320, 0.4064, 0.4178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 201, 118) }
```

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

```
.background{ background-color: rgb(239,  
201, 118) }
```

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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