

Converting Colors

Yxy(62.0260, 0.4167, 0.4382)

Have a look what the booklet for
Yxy(62.0260, 0.4167, 0.4382)
contains.

Yxy(62.2447, 0.4166, 0.4391)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.2447, 0.4166, 0.4391)

Conversions

Conversions Part 1

Format	Color
Hex	EECC62
RGB	238, 204, 98
RGB Percent	93%, 80%, 38%
CMY	0.0667, 0.2000, 0.6157
CMYK	0.00, 0.14, 0.59, 0.07
HSL	45°, 80%, 66%
HSV	45°, 59%, 93%
XYZ	59.0552, 62.2447, 20.4553
YIQ	202.0820, 54.2900, -25.7580

Conversions

Conversions Part 2

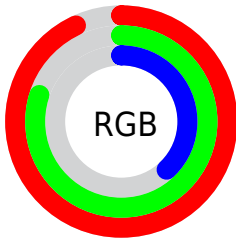
Format	Color
RYB	143, 238, 98
Decimal	15649890
CIELab	83.04, -0.26, 56.22
CIElCh	83, 56.219, 90.261
Yxy	62.2447, 0.4166, 0.4391
Android (android.graphics.Color)	4293839970 (0xFFEECC62)
YUV	202.0820, -51.3124, 31.5001
Hunter-Lab	78.8953, -4.4549, 39.8545

Details

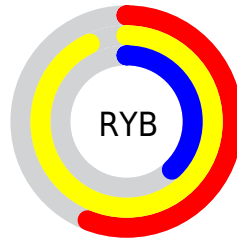
The Yxy color **62.2447, 0.4166, 0.4391** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **25.2656, 0.2077, 0.1828**, and the grayscale version is **59.4185, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.0470, 0.3734, 0.4293**, and **31.5859, 0.4372, 0.4607** is the 20% darker color. If you saturate the color by 10%, you get **59.1673, 0.4337, 0.4522**, and if you desaturate by 10%, it is **65.5635, 0.3982, 0.4228**.

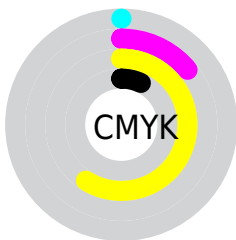
Distribution



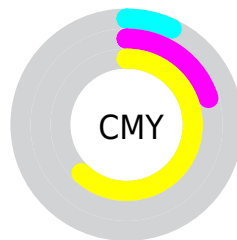
- Red (93%)
- Green (80%)
- Blue (38%)



- Red (56%)
- Yellow (93%)
- Blue (38%)



- Cyan (0%)
- Magenta (14%)
- Yellow (59%)
- Black (7%)




- Cyan (7%)
- Magenta (20%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2447, 0.4166, 0.4391 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 62.2447, 0.4166, 0.4391 by changing the saturation by 10% instead.


 62.2447, 0.4166,
0.4391

 62.2447, 0.4166,
0.4391


432.8231, 0.3700,
0.3896

 45.2305, 0.4262,
0.4493


 108.0791, 0.4011,
0.4227


 31.6390, 0.4372,
0.4610

 137.6681, 0.3949,
0.4160

 21.0859, 0.4497,
0.4744


 172.2174, 0.3894,
0.4102

 13.1868, 0.4633,
0.4889

 212.1114, 0.3846,
0.4051

 7.5573, 0.4847,
0.5118

257.7347, 0.3803,
0.4006

 3.8130, 0.4862,
0.5138

309.4714, 0.3765,

 1.5695, 0.4858,

0.3965

0.5142

367.7061, 0.3731,
0.3929

■ 0.3369, 0.4824,
0.5176

■ 0.0000, 0.0000,
0.0000

■ 62.2447, 0.4166,
0.4391

■ 62.2447, 0.4166,
0.4391

■ 59.1673, 0.4337,
0.4522

■ 65.5635, 0.3982,
0.4228

■ 56.3090, 0.4486,
0.4610


■ 69.1267, 0.3794,
0.4044


■ 53.6573, 0.4607,
0.4651


■ 72.9479, 0.3609,
0.3848

■ 51.1895, 0.4698,
0.4645


■ 77.0370, 0.3431,
0.3650


 50.9080, 0.4709,
0.4643

 81.4031, 0.3264,
0.3455

 86.0549, 0.3110,
0.3269

 90.3673, 0.3024,
0.3185

 93.9071, 0.3024,
0.3243

 96.9158, 0.3023,
0.3290

Harmonies

Analogous

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



62.2447, 0.4514, 0.3928



62.2447, 0.4166, 0.4391



62.2447, 0.3560, 0.4603

Triad

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



62.2447, 0.4166, 0.4391



62.2447, 0.1953, 0.2952



62.2447, 0.3264, 0.2482

Complementary

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



62.2447, 0.4166, 0.4391



25.2656, 0.2077, 0.1828

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.



62.2447, 0.2585, 0.2242



62.2447, 0.4166, 0.4391



62.2447, 0.1897, 0.2444

Square

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



62.2447, 0.4166, 0.4391



62.2447, 0.2291, 0.3682



62.2447, 0.2112, 0.2218



62.2447, 0.3980, 0.2889

Rectangle

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



62.2447, 0.4166, 0.4391



62.2447, 0.3100, 0.4493



62.2447, 0.2112, 0.2218



62.2447, 0.3022, 0.2381

Sweetspot

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



62.2477, 0.4166, 0.4391



90.4845, 0.3418, 0.3635



28.6036, 0.4482, 0.2923



19.0598, 0.3468, 0.3693



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

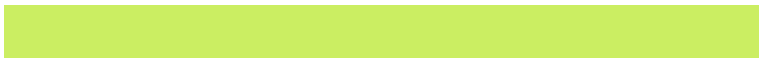
The Same Dimension uses a secret algorithm to generate beautiful new colors.



62.2477, 0.4166, 0.4391



68.3681, 0.4375, 0.4547



74.7217, 0.3702, 0.4818



17.7710, 0.3274, 0.3468



28.6158, 0.4699, 0.4651



2.5340, 0.4618, 0.4715

Inverse Universe

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



25.2656, 0.2077, 0.1828



21.6067, 0.1869, 0.1477



19.8932, 0.2224, 0.1501



15.8518, 0.2980, 0.3106



5.2878, 0.1576, 0.0875



0.5904, 0.1644, 0.1118

Previews

White Background



This preview shows how the Yxy color 62.2447, 0.4166, 0.4391 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 62.2447, 0.4166, 0.4391 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 62.2447, 0.4166, 0.4391

Background



This preview shows how black text looks on a background with the Yxy color 62.2447, 0.4166, 0.4391.



This preview shows how white text looks on a background with the Yxy color 62.2447, 0.4166, 0.4391.

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

62.2447, 0.4166, 0.4391

Protanopia

62.1845, 0.4066, 0.4446

Deuteranopia

62.1321, 0.4334, 0.4237



Tritanopia

61.9784, 0.3461, 0.3133

Trichromacy



Original Color

62.2447, 0.4166, 0.4391

Protanomaly

62.1993, 0.4098, 0.4425

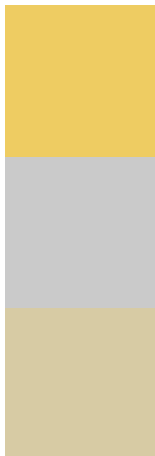
Deuteranomaly

62.3684, 0.4271, 0.4295

Tritanomaly

61.5030, 0.3753, 0.3605

Monochromacy



Original Color

62.2447, 0.4166, 0.4391

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.8393, 0.3513, 0.3748

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2447, 0.4166, 0.4391 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(238, 204, 98)` looks like.

```
.text, #text, p{  
    color:rgb(238, 204, 98)  
}
```

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(238, 204, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 204, 98) }
```

Border

The CSS property to change the border of an element to Yxy 62.2447, 0.4166, 0.4391 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(238, 204, 98) }
```

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

```
.border{ border-color:rgb(238, 204, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 204, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 204, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 204, 98);  
box-shadow:4px 4px 4px 4px rgb(238, 204,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2447, 0.4166, 0.4391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 204, 98) }
```

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

```
.background{ background-color: rgb(238,  
204, 98) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor