

Converting Colors

$Yxy(62.6694, 0.4221, 0.4418)$

Have a look what the booklet for
Yxy(62.6694, 0.4221, 0.4418)
contains.

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Color

Yxy(62.6768, 0.4220, 0.4419)

Conversions

Conversions Part 1

Format	Color
Hex	F1CC5D
RGB	241, 204, 93
RGB Percent	95%, 80%, 36%
CMY	0.0548, 0.2000, 0.6352
CMYK	0.00, 0.15, 0.61, 0.05
HSL	45°, 84%, 66%
HSV	45°, 61%, 95%
XYZ	59.8543, 62.6768, 19.3037
YIQ	202.4090, 57.6830, -26.6770

Conversions

Conversions Part 2

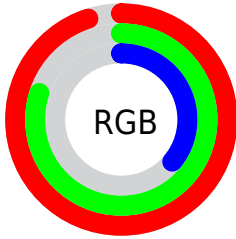
Format	Color
RYB	142, 241, 93
Decimal	15846493
CIELab	83.27, 0.67, 58.80
CIELCh	83, 58.808, 89.344
Yxy	62.6768, 0.4220, 0.4419
Android (android.graphics.Color)	4294036573 (0xFFFF1CC5D)
YUV	202.4090, -53.9386, 33.8443
Hunter-Lab	79.1687, -3.5930, 40.9614

Details

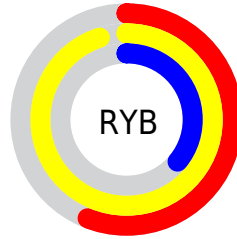
The Yxy color **62.6768, 0.4220, 0.4419** is a light color, and the websafe version is hex **FFCC66**. The color can be described as light muted yellow. A complement of this color would be **24.6646, 0.2034, 0.1767**, and the grayscale version is **59.6533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.8866, 0.3761, 0.4338**, and **31.8977, 0.4438, 0.4635** is the 20% darker color. If you saturate the color by 10%, you get **59.5054, 0.4389, 0.4538**, and if you desaturate by 10%, it is **66.0998, 0.4036, 0.4265**.

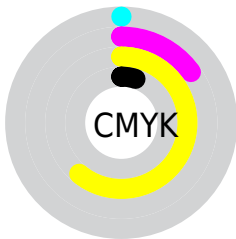
Distribution



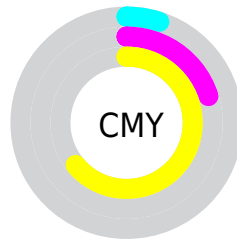
- Red (95%)
- Green (80%)
- Blue (36%)



- Red (56%)
- Yellow (95%)
- Blue (36%)



- Cyan (0%)
- Magenta (15%)
- Yellow (61%)
- Black (5%)





- Cyan (5%)
- Magenta (20%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.6768, 0.4220, 0.4419 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 62.6768, 0.4220, 0.4419 by changing the saturation by 10% instead.

 62.6768, 0.4220,
0.4419

 62.6768, 0.4220,
0.4419


434.3956, 0.3733,
0.3917

 45.5798, 0.4319,
0.4520

 108.7031, 0.4059,
0.4254


 31.9144, 0.4432,
0.4635

 138.4012, 0.3994,
0.4187

 21.2961, 0.4558,
0.4763


 173.0684, 0.3937,
0.4128

 13.3406, 0.4693,
0.4899

 213.0892, 0.3886,
0.4076

 7.6635, 0.4897,
0.5103

258.8479, 0.3841,
0.4029

 3.8804, 0.4903,
0.5097

310.7289, 0.3801,

 1.6069, 0.4913,

0.3988

0.5087

369.1167, 0.3765,
0.3951

0.3622, 0.4990,
0.5010

0.0000, 0.0000,
0.0000

62.6768, 0.4220,
0.4419

62.6768, 0.4220,
0.4419

59.5054, 0.4389,
0.4538

66.0998, 0.4036,
0.4265

56.5624, 0.4534,
0.4613

69.7781, 0.3847,
0.4086


53.8335, 0.4650,
0.4639


73.7262, 0.3658,
0.3894


51.6373, 0.4728,
0.4628


77.9544, 0.3477,
0.3698

 82.4726, 0.3306,
0.3503

 87.2899, 0.3148,
0.3316

 91.9726, 0.3043,
0.3204

 95.7067, 0.3042,
0.3263

 97.4471, 0.3042,
0.3290

Harmonies

Analogous

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



62.6768, 0.4576, 0.3929



62.6768, 0.4220, 0.4419



62.6768, 0.3594, 0.4661

Triad

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



62.6768, 0.4220, 0.4419



62.6768, 0.1915, 0.2954



62.6768, 0.3244, 0.2441

Complementary

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



62.6768, 0.4220, 0.4419



24.6646, 0.2034, 0.1767

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.



62.6768, 0.2543, 0.2200



62.6768, 0.4220, 0.4419



62.6768, 0.1850, 0.2420

Square

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



62.6768, 0.4220, 0.4419



62.6768, 0.2271, 0.3723



62.6768, 0.2062, 0.2180



62.6768, 0.3996, 0.2857

Rectangle

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



62.6768, 0.4220, 0.4419



62.6768, 0.3116, 0.4562



62.6768, 0.2062, 0.2180



62.6768, 0.2993, 0.2339

Sweetspot

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



62.6798, 0.4220, 0.4419



90.2767, 0.3418, 0.3632



28.2194, 0.4543, 0.2887



19.0086, 0.3469, 0.3689



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.



62.6798, 0.4220, 0.4419



66.6580, 0.4432, 0.4564



76.9162, 0.3735, 0.4867



17.7499, 0.3274, 0.3466



28.2175, 0.4717, 0.4636



2.5038, 0.4633, 0.4703

Inverse Universe

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



24.6646, 0.2034, 0.1767



20.3169, 0.1828, 0.1413



18.7409, 0.2157, 0.1412



15.8715, 0.2980, 0.3108



5.3941, 0.1581, 0.0889



0.6017, 0.1649, 0.1135

Previews

White Background



This preview shows how the Yxy color 62.6768, 0.4220, 0.4419 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 62.6768, 0.4220, 0.4419 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 62.6768, 0.4220, 0.4419

Background



This preview shows how black text looks on a background with the Yxy color 62.6768, 0.4220, 0.4419.



This preview shows how white text looks on a background with the Yxy color 62.6768, 0.4220, 0.4419.

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

62.6768, 0.4220, 0.4419

Protanopia

62.7429, 0.4097, 0.4493

Deuteranopia

62.6075, 0.4321, 0.4238



Tritanopia

62.7135, 0.3494, 0.3135

Trichromacy



Original Color

62.6768, 0.4220, 0.4419

Protanomaly

62.9262, 0.4136, 0.4467

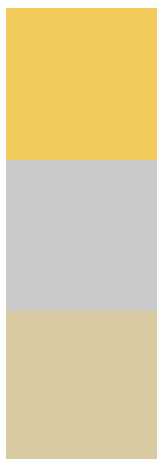
Deuteranomaly

62.5334, 0.4285, 0.4299

Tritanomaly

62.0072, 0.3787, 0.3613

Monochromacy



Original Color

62.6768, 0.4220, 0.4419

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

59.9194, 0.3537, 0.3771

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.6768, 0.4220, 0.4419 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(241, 204, 93)` looks like.

```
.text, #text, p{  
    color:rgb(241, 204, 93)  
}
```

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(241, 204, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 204, 93) }
```

Border

The CSS property to change the border of an element to Yxy 62.6768, 0.4220, 0.4419 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(241, 204, 93) }
```

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

```
.border{ border-color:rgb(241, 204, 93) }
```

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

Here you see how a box with a 4 pixel rgb(241, 204, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 204, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 204, 93);  
box-shadow:4px 4px 4px 4px rgb(241, 204,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 62.6768, 0.4220, 0.4419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 204, 93) }
```

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

```
.background{ background-color: rgb(241,  
204, 93) }
```

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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