

Converting Colors

$Yxy(60.8729, 0.4238, 0.4284)$

Have a look what the booklet for
Yxy(60.8729, 0.4238, 0.4284)
contains.

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Color

Yxy(60.7402, 0.4245, 0.4283)

Conversions

Conversions Part 1

Format	Color
Hex	F5C665
RGB	245, 198, 101
RGB Percent	96%, 78%, 40%
CMY	0.0392, 0.2235, 0.6037
CMYK	0.00, 0.19, 0.59, 0.04
HSL	40°, 88%, 68%
HSV	40°, 59%, 96%
XYZ	60.2013, 60.7402, 20.8755
YIQ	200.9950, 59.1490, -20.2030

Conversions

Conversions Part 2

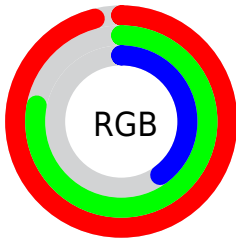
Format	Color
R_{YB}	171, 245, 101
Decimal	16107109
CIE _{Lab}	82.24, 5.95, 54.05
CIE _{LCh}	82, 54.380, 83.714
Yxy	60.7402, 0.4245, 0.4283
Android (android.graphics.Color)	4294297189 (0xFFFF5C665)
YUV	200.9950, -49.2975, 38.5924
Hunter-Lab	77.9360, 1.4935, 38.6741

Details

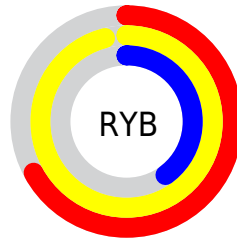
The Yxy color **60.7402, 0.4245, 0.4283** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **30.5569, 0.2113, 0.1990**, and the grayscale version is **58.6938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.1131, 0.3723, 0.4275**, and **30.6074, 0.4488, 0.4463** is the 20% darker color. If you saturate the color by 10%, you get **56.7713, 0.4448, 0.4400**, and if you desaturate by 10%, it is **65.0513, 0.4034, 0.4135**.

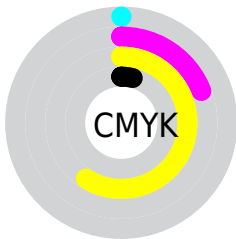
Distribution



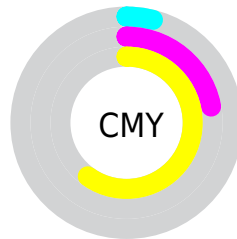
- Red (96%)
- Green (78%)
- Blue (40%)



- Red (67%)
- Yellow (96%)
- Blue (40%)



- Cyan (0%)
- Magenta (19%)
- Yellow (59%)
- Black (4%)




- Cyan (4%)
- Magenta (22%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.7402, 0.4245, 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 60.7402, 0.4245, 0.4283 by changing the saturation by 10% instead.

 60.7402, 0.4245,
0.4283


 60.7402, 0.4245,
0.4283


427.3208, 0.3734,
0.3843

 44.0155, 0.4353,
0.4371


 105.9027, 0.4073,
0.4139


 30.6827, 0.4480,
0.4472


 135.1093, 0.4004,
0.4080

 20.3574, 0.4627,
0.4584


 169.2453, 0.3944,
0.4028

 12.6551, 0.4794,
0.4702

 208.6952, 0.3892,
0.3982

 7.1915, 0.5048,
0.4880

253.8433, 0.3845,
0.3942

 3.5821, 0.5139,
0.4861

305.0739, 0.3804,

 1.4427, 0.5231,

0.3905

0.4769

362.7717, 0.3767,
0.3873

0.2479, 0.6058,
0.3942

0.0000, 0.0000,
0.0000

60.7402, 0.4245,
0.4283

60.7402, 0.4245,
0.4283

56.7713, 0.4448,
0.4400

65.0513, 0.4034,
0.4135

53.1195, 0.4633,
0.4474


69.7100, 0.3825,
0.3967


49.7694, 0.4790,
0.4498


74.7327, 0.3625,
0.3790


46.6950, 0.4915,
0.4473


80.1314, 0.3437,
0.3611

 46.3275, 0.4930,
0.4468

 85.9177, 0.3265,
0.3436

 92.1023, 0.3109,
0.3270

 97.5129, 0.3066,
0.3280

 98.1525, 0.3066,
0.3290

Harmonies

Analogous

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



60.7402, 0.4507, 0.3806



60.7402, 0.4245, 0.4283



60.7402, 0.3695, 0.4558

Triad

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



60.7402, 0.4245, 0.4283



60.7402, 0.2028, 0.3105



60.7402, 0.3106, 0.2432

Complementary

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



60.7402, 0.4245, 0.4283



30.5569, 0.2113, 0.1990

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.



60.7402, 0.2476, 0.2240



60.7402, 0.4245, 0.4283



60.7402, 0.1912, 0.2550

Square

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



60.7402, 0.4245, 0.4283



60.7402, 0.2418, 0.3833



60.7402, 0.2066, 0.2267



60.7402, 0.3817, 0.2801

Rectangle

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



60.7402, 0.4245, 0.4283



60.7402, 0.3251, 0.4520



60.7402, 0.2066, 0.2267



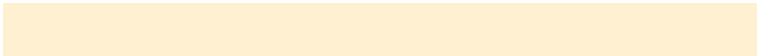
60.7402, 0.2877, 0.2346

Sweetspot

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



60.7431, 0.4245, 0.4283



88.1972, 0.3424, 0.3598



30.9008, 0.4319, 0.2795



18.4976, 0.3477, 0.3650



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.



60.7431, 0.4245, 0.4283



61.1846, 0.4494, 0.4422



81.6190, 0.3789, 0.4770



18.3483, 0.3277, 0.3449



25.2206, 0.4914, 0.4480



2.4034, 0.4801, 0.4570

Inverse Universe

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



30.5569, 0.2113, 0.1990



25.4650, 0.1916, 0.1668



20.2731, 0.2136, 0.1463



16.8102, 0.2980, 0.3126



6.8649, 0.1628, 0.1061



0.7829, 0.1697, 0.1308

Previews

White Background



This preview shows how the Yxy color 60.7402, 0.4245, 0.4283 looks on a white background.

Color Contrast Check

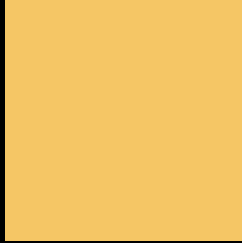
Large Text (above 18pt) WCAG AA × Fail

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 60.7402, 0.4245, 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 60.7402, 0.4245, 0.4283

Background



This preview shows how black text looks on a background with the Yxy color 60.7402, 0.4245, 0.4283.



This preview shows how white text looks on a background with the Yxy color 60.7402, 0.4245, 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

60.7402, 0.4245, 0.4283

Protanopia

60.8107, 0.4029, 0.4404

Deuteranopia

60.6850, 0.4317, 0.4221



Tritanopia

60.6403, 0.3570, 0.3145

Trichromacy



Original Color

60.7402, 0.4245, 0.4283

Protanomaly

60.5240, 0.4113, 0.4358

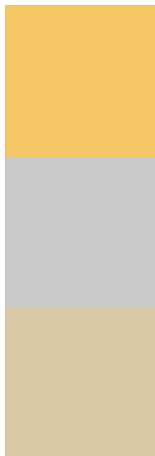
Deuteranomaly

60.5789, 0.4285, 0.4242

Tritanomaly

60.3022, 0.3838, 0.3569

Monochromacy



Original Color

60.7402, 0.4245, 0.4283

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

58.7769, 0.3530, 0.3701

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.7402, 0.4245, 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(245, 198, 101)` looks like.

```
.text, #text, p{  
    color:rgb(245, 198, 101)  
}
```

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(245, 198, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 198, 101) }
```

Border

The CSS property to change the border of an element to Yxy 60.7402, 0.4245, 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(245, 198, 101) }
```

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

```
.border{ border-color:rgb(245, 198, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 198, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 198, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 198, 101);  
box-shadow:4px 4px 4px 4px rgb(245, 198,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 60.7402, 0.4245, 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(245, 198, 101) }
```

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

```
.background{ background-color: rgb(245,  
198, 101) }
```

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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