

Converting Colors

$Yxy(62.9416, 0.4287, 0.4550)$

Have a look what the booklet for
Yxy(62.9416, 0.4287, 0.4550)
contains.

Yxy(62.7237, 0.4288, 0.4550)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.7237, 0.4288, 0.4550)

Conversions

Conversions Part 1

Format	Color
Hex	F0CD4D
RGB	240, 205, 77
RGB Percent	94%, 80%, 30%
CMY	0.0587, 0.1961, 0.6979
CMYK	0.00, 0.15, 0.68, 0.06
HSL	47°, 84%, 62%
HSV	47°, 68%, 94%
XYZ	59.1119, 62.7237, 16.0187
YIQ	200.8730, 61.9480, -32.3880

Conversions

Conversions Part 2

Format	Color
RYB	122, 240, 77
Decimal	15781197
CIELab	83.30, -1.21, 65.62
CIElCh	83, 65.632, 91.058
Yxy	62.7237, 0.4288, 0.4550
Android (android.graphics.Color)	4293971277 (0xFFF0CD4D)
YUV	200.8730, -61.0694, 34.3144
Hunter-Lab	79.1983, -5.3684, 43.4468

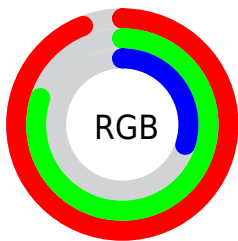
Details

The Yxy color **62.7237, 0.4288, 0.4550** is a light color, and the websafe version is hex **FFCC33**.

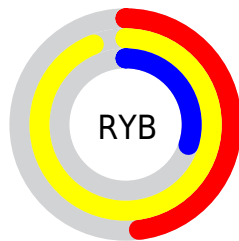
The color can be described as light washed yellow. A complement of this color would be **19.4728, 0.1907, 0.1510**, and the grayscale version is **58.6877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4459, 0.3840, 0.4468**, and **31.8607, 0.4490, 0.4777** is the 20% darker color. If you saturate the color by 10%, you get **60.0208, 0.4429, 0.4647**, and if you desaturate by 10%, it is **65.6390, 0.4126, 0.4412**.

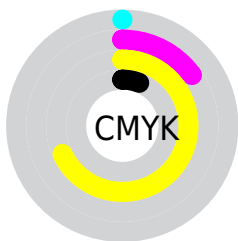
Distribution



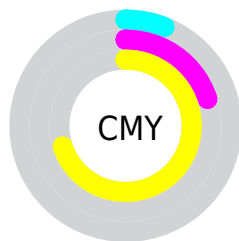
- Red (94%)
- Green (80%)
- Blue (30%)



- Red (48%)
- Yellow (94%)
- Blue (30%)



- Cyan (0%)
- Magenta (15%)
- Yellow (68%)
- Black (6%)




- Cyan (6%)
- Magenta (20%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7237, 0.4288, 0.4550 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 62.7237, 0.4288, 0.4550 by changing the saturation by 10% instead.


 62.7237, 0.4288,
0.4550

 62.7237, 0.4288,
0.4550


434.5660, 0.3783,
0.3998


 45.6177, 0.4385,
0.4657


 108.7708, 0.4126,
0.4371


 31.9443, 0.4492,
0.4777


 138.4807, 0.4058,
0.4298


 21.3189, 0.4606,
0.4905


 173.1607, 0.3998,
0.4232

 13.3573, 0.4722,
0.5040

 213.1952, 0.3945,
0.4175

 7.6751, 0.4830,
0.5170

 258.9686, 0.3898,
0.4123

 3.8877, 0.4819,
0.5181

310.8653, 0.3856,

 1.6110, 0.4801,

0.4077

0.5199

369.2696, 0.3817,
0.4035

0.3650, 0.4651,
0.5349

0.0000, 0.0000,
0.0000

62.7237, 0.4288,
0.4550

62.7237, 0.4288,
0.4550

60.0208, 0.4429,
0.4647

65.6390, 0.4126,
0.4412

57.5059, 0.4541,
0.4696


68.7707, 0.3949,
0.4242

55.1615, 0.4625,
0.4700


72.1336, 0.3768,
0.4051


54.6854, 0.4640,
0.4698

75.7380, 0.3587,
0.3849

 79.5936, 0.3413,
0.3644

 83.7095, 0.3248,
0.3443

 88.0941, 0.3096,
0.3250

 91.8169, 0.3037,
0.3204

 95.0024, 0.3036,
0.3255

Harmonies

Analogous

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



62.7237, 0.4717, 0.4004



62.7237, 0.4288, 0.4550



62.7237, 0.3582, 0.4826

Triad

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



62.7237, 0.4288, 0.4550



62.7237, 0.1783, 0.2862



62.7237, 0.3301, 0.2380

Complementary

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



62.7237, 0.4288, 0.4550



19.4728, 0.1907, 0.1510

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.



62.7237, 0.2516, 0.2107



62.7237, 0.4288, 0.4550



62.7237, 0.1735, 0.2300

Square

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



62.7237, 0.4288, 0.4550



62.7237, 0.2145, 0.3719



62.7237, 0.1980, 0.2066



62.7237, 0.4138, 0.2838

Rectangle

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



62.7237, 0.4288, 0.4550



62.7237, 0.3055, 0.4705



62.7237, 0.1980, 0.2066



62.7237, 0.3020, 0.2266

Sweetspot

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



62.7267, 0.4288, 0.4550



90.3459, 0.3450, 0.3688



25.0192, 0.4909, 0.2956



19.0682, 0.3498, 0.3746



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.



62.7267, 0.4288, 0.4550



67.8759, 0.4470, 0.4669



74.3159, 0.3709, 0.5038



17.8489, 0.3274, 0.3474



30.1327, 0.4632, 0.4704



2.6484, 0.4562, 0.4759

Inverse Universe

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



19.4728, 0.1907, 0.1510



15.6587, 0.1715, 0.1158



15.8322, 0.2101, 0.1251



15.7792, 0.2980, 0.3099



4.9248, 0.1562, 0.0823



0.5508, 0.1627, 0.1056

Previews

White Background



This preview shows how the Yxy color 62.7237, 0.4288, 0.4550 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 62.7237, 0.4288, 0.4550 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 62.7237, 0.4288, 0.4550

Background



This preview shows how black text looks on a background with the Yxy color 62.7237, 0.4288, 0.4550.



This preview shows how white text looks on a background with the Yxy color 62.7237, 0.4288, 0.4550.

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

62.7237, 0.4288, 0.4550

Protanopia

62.8176, 0.4196, 0.4607

Deuteranopia

62.5300, 0.4346, 0.4270



Tritanopia

62.5283, 0.3486, 0.3134

Trichromacy



Original Color

62.7237, 0.4288, 0.4550

Protanomaly

62.8379, 0.4228, 0.4584

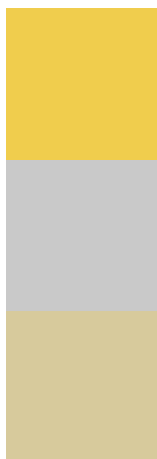
Deuteranomaly

62.8355, 0.4331, 0.4378

Tritanomaly

62.0634, 0.3823, 0.3689

Monochromacy



Original Color

62.7237, 0.4288, 0.4550

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

59.0884, 0.3577, 0.3832

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7237, 0.4288, 0.4550 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, 205, 77)` looks like.

```
.text, #text, p{  
    color:rgb(240, 205, 77)  
}
```

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, 205, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 205, 77) }
```

Border

The CSS property to change the border of an element to Yxy 62.7237, 0.4288, 0.4550 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, 205, 77) }
```

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

```
.border{ border-color:rgb(240, 205, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 205, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 205, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 205, 77);  
box-shadow:4px 4px 4px 4px rgb(240, 205,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7237, 0.4288, 0.4550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 205, 77) }
```

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

```
.background{ background-color: rgb(240,  
205, 77) }
```

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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