

Converting Colors

Yxy(61.2171, 0.4413, 0.4620)

Have a look what the booklet for
Yxy(61.2171, 0.4413, 0.4620)
contains.

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Color

Yxy(60.9663, 0.4413, 0.4615)

Conversions

Conversions Part 1

Format	Color
Hex	F2C93B
RGB	242, 201, 59
RGB Percent	95%, 79%, 23%
CMY	0.0509, 0.2118, 0.7684
CMYK	0.00, 0.17, 0.76, 0.05
HSL	47°, 88%, 59%
HSV	47°, 76%, 95%
XYZ	58.2978, 60.9663, 12.8406
YIQ	197.0710, 70.0180, -35.4700

Conversions

Conversions Part 2

Format	Color
R_{YB}	112, 242, 59
Decimal	15911227
CIE _{Lab}	82.36, 0.85, 71.51
CIE _{LCh}	82, 71.514, 89.315
Yxy	60.9663, 0.4413, 0.4615
Android (android.graphics.Color)	4294101307 (0xFFFF2C93B)
YUV	197.0710, -68.0690, 39.4027
Hunter-Lab	78.0809, -3.3676, 44.9063

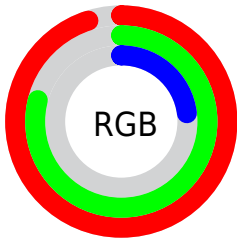
Details

The Yxy color **60.9663, 0.4413, 0.4615** is a light color, and the websafe version is hex **FFCC33**.

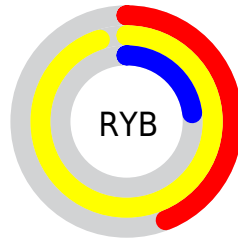
The color can be described as light washed yellow. A complement of this color would be **16.4710, 0.1794, 0.1319**, and the grayscale version is **56.2735, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0410, 0.3917, 0.4595**, and **30.8125, 0.4579, 0.4746** is the 20% darker color. If you saturate the color by 10%, you get **58.2886, 0.4536, 0.4674**, and if you desaturate by 10%, it is **63.8556, 0.4263, 0.4509**.

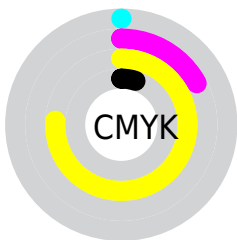
Distribution



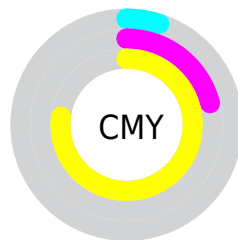
- Red (95%)
- Green (79%)
- Blue (23%)



- Red (44%)
- Yellow (95%)
- Blue (23%)



- Cyan (0%)
- Magenta (17%)
- Yellow (76%)
- Black (5%)




- Cyan (5%)
- Magenta (21%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9663, 0.4413, 0.4615 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 60.9663, 0.4413, 0.4615 by changing the saturation by 10% instead.

 60.9663, 0.4413,
0.4615

 60.9663, 0.4413,
0.4615


428.1504, 0.3861,
0.4049


 44.1980, 0.4515,
0.4718

 106.2301, 0.4239,
0.4437


 30.8262, 0.4624,
0.4828

 135.4944, 0.4165,
0.4362


 20.4665, 0.4735,
0.4938


 169.6929, 0.4100,
0.4295

 12.7346, 0.4878,
0.5080

 209.2098, 0.4041,
0.4235

 7.2461, 0.4904,
0.5096

 254.4296, 0.3989,
0.4181

 3.6165, 0.4912,
0.5088

305.7367, 0.3942,

 1.4614, 0.4925,

0.4132

0.5075

363.5155, 0.3899,
0.4089

0.2613, 0.5075,
0.4925

0.0000, 0.0000,
0.0000

60.9663, 0.4413,
0.4615

60.9663, 0.4413,
0.4615

58.2886, 0.4536,
0.4674

63.8556, 0.4263,
0.4509

55.7951, 0.4629,
0.4685

66.9627, 0.4094,
0.4365

54.7438, 0.4663,
0.4679

70.3036, 0.3913,
0.4190

73.8900, 0.3729,
0.3998

■ 77.7325, 0.3548,
0.3796

■ 81.8409, 0.3374,
0.3594

■ 86.2244, 0.3212,
0.3397

■ 90.8915, 0.3063,
0.3208

■ 94.3606, 0.3048,
0.3239

Harmonies

Analogous

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



60.9663, 0.4871, 0.4001



60.9663, 0.4413, 0.4615



60.9663, 0.3653, 0.4977

Triad

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



60.9663, 0.4413, 0.4615



60.9663, 0.1684, 0.2856



60.9663, 0.3257, 0.2283

Complementary

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



60.9663, 0.4413, 0.4615



16.4710, 0.1794, 0.1319

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.



60.9663, 0.2416, 0.2003



60.9663, 0.4413, 0.4615



60.9663, 0.1619, 0.2232

Square

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



60.9663, 0.4413, 0.4615



60.9663, 0.2085, 0.3819



60.9663, 0.1862, 0.1971



60.9663, 0.4188, 0.2761

Rectangle

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



60.9663, 0.4413, 0.4615



60.9663, 0.3082, 0.4889



60.9663, 0.1862, 0.1971



60.9663, 0.2952, 0.2164

Sweetspot

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



60.9693, 0.4413, 0.4615



88.6785, 0.3503, 0.3745



22.9677, 0.5179, 0.2932



18.6322, 0.3567, 0.3818



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.



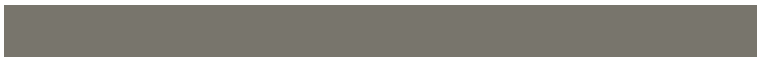
60.9693, 0.4413, 0.4615



64.0266, 0.4592, 0.4686



75.1931, 0.3750, 0.5165



17.8229, 0.3274, 0.3472



29.6199, 0.4654, 0.4687



2.6098, 0.4581, 0.4745

Inverse Universe

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



16.4710, 0.1794, 0.1319



12.4289, 0.1618, 0.0962



12.7244, 0.1952, 0.1046



15.8034, 0.2980, 0.3101



5.0405, 0.1567, 0.0839



0.5636, 0.1632, 0.1076

Previews

White Background



This preview shows how the Yxy color 60.9663, 0.4413, 0.4615 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 60.9663, 0.4413, 0.4615 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 60.9663, 0.4413, 0.4615

Background



This preview shows how black text looks on a background with the Yxy color 60.9663, 0.4413, 0.4615.



This preview shows how white text looks on a background with the Yxy color 60.9663, 0.4413, 0.4615.

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

60.9663, 0.4413, 0.4615

Protanopia

61.2919, 0.4271, 0.4715

Deuteranopia

60.8120, 0.4491, 0.4401



Tritanopia

60.9262, 0.3551, 0.3145

Trichromacy



Original Color

60.9663, 0.4413, 0.4615

Protanomaly

61.0044, 0.4320, 0.4677

Deuteranomaly

60.6987, 0.4464, 0.4479

Tritanomaly

60.2984, 0.3937, 0.3751

Monochromacy



Original Color

60.9663, 0.4413, 0.4615

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

56.6409, 0.3641, 0.3898

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9663, 0.4413, 0.4615 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(242, 201, 59)` looks like.

```
.text, #text, p{  
    color:rgb(242, 201, 59)  
}
```

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(242, 201, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 201, 59) }
```

Border

The CSS property to change the border of an element to Yxy 60.9663, 0.4413, 0.4615 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(242, 201, 59) }
```

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

```
.border{ border-color:rgb(242, 201, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 201, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 201, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 201, 59);  
box-shadow:4px 4px 4px 4px rgb(242, 201,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9663, 0.4413, 0.4615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 201, 59) }
```

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

```
.background{ background-color: rgb(242,  
201, 59) }
```

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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