

Converting Colors

Yxy(62.0818, 0.4289, 0.4618)

Have a look what the booklet for
Yxy(62.0818, 0.4289, 0.4618)
contains.

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Color

Yxy(61.9377, 0.4287, 0.4616)

Conversions

Conversions Part 1

Format	Color
Hex	ECCD46
RGB	236, 205, 70
RGB Percent	93%, 80%, 27%
CMY	0.0746, 0.1960, 0.7254
CMYK	0.00, 0.13, 0.70, 0.07
HSL	49°, 81%, 60%
HSV	49°, 70%, 93%
XYZ	57.5232, 61.9377, 14.7196
YIQ	198.8790, 61.8110, -35.4130

Conversions

Conversions Part 2

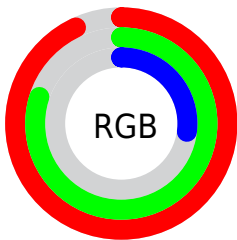
Format	Color
RYB	108, 236, 70
Decimal	15519046
CIELab	82.88, -3.28, 67.84
CIELCh	83, 67.916, 92.764
Yxy	61.9377, 0.4287, 0.4616
Android (android.graphics.Color)	4293709126 (0xFFECCD46)
YUV	198.8790, -63.5373, 32.5551
Hunter-Lab	78.7005, -7.2581, 44.0012

Details

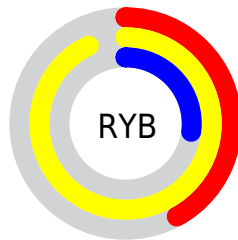
The Yxy color **61.9377, 0.4287, 0.4616** is a light color, and the websafe version is hex **FFCC33**. The color can be described as light muted yellow. A complement of this color would be **16.6600, 0.1854, 0.1384**, and the grayscale version is **57.4043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.2864, 0.3869, 0.4517**, and **31.3633, 0.4467, 0.4835** is the 20% darker color. If you saturate the color by 10%, you get **59.6220, 0.4411, 0.4706**, and if you desaturate by 10%, it is **64.4356, 0.4139, 0.4483**.

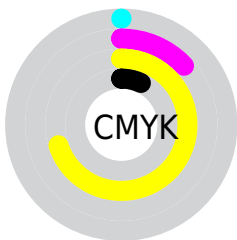
Distribution



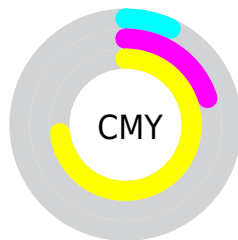
- Red (93%)
- Green (80%)
- Blue (27%)



- Red (42%)
- Yellow (93%)
- Blue (27%)



- Cyan (0%)
- Magenta (13%)
- Yellow (70%)
- Black (7%)



- Cyan (7%)
- Magenta (20%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.9377, 0.4287, 0.4616 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 61.9377, 0.4287, 0.4616 by changing the saturation by 10% instead.

 61.9377, 0.4287,
0.4616


 61.9377, 0.4287,
0.4616


431.7038, 0.3787,
0.4033


 44.9824, 0.4380,
0.4729

 107.6355, 0.4128,
0.4428

 31.4435, 0.4481,
0.4854


 137.1467, 0.4062,
0.4350

 20.9368, 0.4585,
0.4987


 171.6120, 0.4003,
0.4281

 13.0778, 0.4696,
0.5137

 211.4159, 0.3950,
0.4220

 7.4822, 0.4756,
0.5244

 256.9425, 0.3903,
0.4166

 3.7654, 0.4725,
0.5275

308.5765, 0.3860,

 1.5432, 0.4673,

0.4117

0.5327

366.7021, 0.3822,
0.4073

■ 0.3189, 0.4117,
0.5883

■ 0.0000, 0.0000,
0.0000

■ 61.9377, 0.4287,
0.4616

■ 61.9377, 0.4287,
0.4616

■ 59.6220, 0.4411,
0.4706

■ 64.4356, 0.4139,
0.4483


■ 57.4645, 0.4506,
0.4749


■ 67.1195, 0.3974,
0.4316


■ 55.5072, 0.4573,
0.4751


■ 70.0036, 0.3800,
0.4124

■ 73.0980, 0.3624,
0.3918

 76.4118, 0.3451,
0.3707

 79.9536, 0.3286,
0.3498

 83.7313, 0.3132,
0.3296

 87.5056, 0.3012,
0.3143

 90.1324, 0.3012,
0.3187

Harmonies

Analogous

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



61.9377, 0.4758, 0.4053



61.9377, 0.4287, 0.4616



61.9377, 0.3545, 0.4889

Triad

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



61.9377, 0.4287, 0.4616



61.9377, 0.1728, 0.2799



61.9377, 0.3356, 0.2373

Complementary

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



61.9377, 0.4287, 0.4616



16.6600, 0.1854, 0.1384

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.



61.9377, 0.2533, 0.2080



61.9377, 0.4287, 0.4616



61.9377, 0.1698, 0.2241

Square

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



61.9377, 0.4287, 0.4616



61.9377, 0.2079, 0.3679



61.9377, 0.1966, 0.2021



61.9377, 0.4220, 0.2851

Rectangle

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



61.9377, 0.4287, 0.4616



61.9377, 0.3000, 0.4742



61.9377, 0.1966, 0.2021



61.9377, 0.3062, 0.2252

Sweetspot

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



61.9407, 0.4287, 0.4616



90.8092, 0.3464, 0.3723



23.1943, 0.5048, 0.2984



19.1978, 0.3511, 0.3782



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.



61.9407, 0.4287, 0.4616



70.0401, 0.4453, 0.4729



70.8814, 0.3696, 0.5098



17.1214, 0.3272, 0.3480



30.7827, 0.4566, 0.4757



2.5406, 0.4505, 0.4805

Inverse Universe

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



16.6600, 0.1854, 0.1384



13.5365, 0.1664, 0.1030



14.4160, 0.2083, 0.1199



15.0035, 0.2980, 0.3092



4.4695, 0.1549, 0.0777



0.4790, 0.1615, 0.1013

Previews

White Background



This preview shows how the Yxy color 61.9377, 0.4287, 0.4616 looks on a white background.

Color Contrast Check

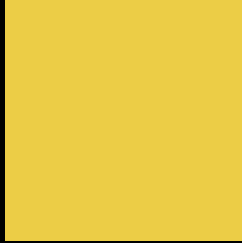
Large Text (above 18pt) WCAG AA × Fail

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 61.9377, 0.4287, 0.4616 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 61.9377, 0.4287, 0.4616

Background



This preview shows how black text looks on a background with the Yxy color 61.9377, 0.4287, 0.4616.



This preview shows how white text looks on a background with the Yxy color 61.9377, 0.4287, 0.4616.

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

61.9377, 0.4287, 0.4616

Protanopia

62.0695, 0.4227, 0.4651

Deuteranopia

61.9138, 0.4406, 0.4330



Tritanopia

61.9784, 0.3461, 0.3133

Trichromacy



Original Color

61.9377, 0.4287, 0.4616

Protanomaly

61.9212, 0.4251, 0.4633

Deuteranomaly

61.8742, 0.4365, 0.4436

Tritanomaly

61.4215, 0.3822, 0.3725

Monochromacy



Original Color

61.9377, 0.4287, 0.4616

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.0373, 0.3585, 0.3874

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.9377, 0.4287, 0.4616 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(236, 205, 70)` looks like.

```
.text, #text, p{  
    color:rgb(236, 205, 70)  
}
```

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(236, 205, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 205, 70) }
```

Border

The CSS property to change the border of an element to Yxy 61.9377, 0.4287, 0.4616 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(236, 205, 70) }
```

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

```
.border{ border-color:rgb(236, 205, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 205, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 205, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 205, 70);  
box-shadow:4px 4px 4px 4px rgb(236, 205,  
70) }
```


Background

The CSS property to change the background color of an element to Yxy 61.9377, 0.4287, 0.4616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 205, 70) }
```

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

```
.background{ background-color: rgb(236,  
205, 70) }
```

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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