

Converting Colors

Yxy(62.9086, 0.4578, 0.4616)

Have a look what the booklet for
Yxy(62.9086, 0.4578, 0.4616)
contains.

Yxy(62.7286, 0.4582, 0.4614)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.7286, 0.4582, 0.4614)

Conversions

Conversions Part 1

Format	Color
Hex	FFC829
RGB	255, 200, 41
RGB Percent	100%, 78%, 16%
CMY	0.0000, 0.2157, 0.8388
CMYK	0.00, 0.22, 0.84, 0.00
HSL	45°, 100%, 58%
HSV	45°, 84%, 100%
XYZ	62.2936, 62.7286, 10.9306
YIQ	198.3190, 83.8190, -37.7890

Conversions

Conversions Part 2

Format	Color
R _Y B	115, 255, 41
Decimal	16762921
CIE Lab	83.30, 6.30, 78.25
CIE LCh	83, 78.507, 85.397
Yxy	62.7286, 0.4582, 0.4614
Android (android.graphics.Color)	4294953001 (0xFFFFC829)
YUV	198.3190, -77.5583, 49.7092
Hunter-Lab	79.2014, 1.7916, 47.2583

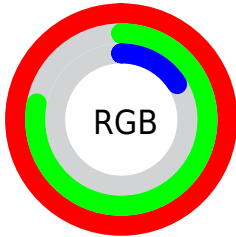
Details

The Yxy color **62.7286, 0.4582, 0.4614** 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 **16.0730, 0.1706, 0.1184**, and the grayscale version is **57.1274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.7593, 0.3973, 0.4689**, and **32.2049, 0.4690, 0.4658** is the 20% darker color. If you saturate the color by 10%, you get **59.6355, 0.4692, 0.4625**, and if you desaturate by 10%, it is **66.0731, 0.4441, 0.4553**.

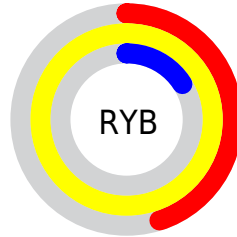
Distribution



Red (100%)

Green (78%)

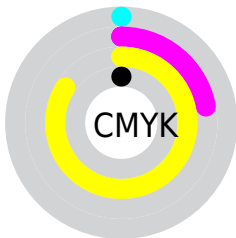
Blue (16%)



Red (45%)

Yellow (100%)

Blue (16%)

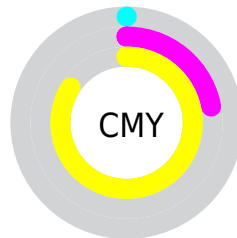


Cyan (0%)

Magenta (22%)

Yellow (84%)

Black (0%)



Cyan (0%)

Magenta (22%)

Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7286, 0.4582, 0.4614 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 62.7286, 0.4582, 0.4614 by changing the saturation by 10% instead.

 62.7286, 0.4582,
0.4614


 62.7286, 0.4582,
0.4614


434.5838, 0.3968,
0.4080


 45.6217, 0.4691,
0.4701


 108.7779, 0.4392,
0.4455


 31.9474, 0.4806,
0.4787


 138.4890, 0.4310,
0.4385

 21.3213, 0.4920,
0.4862


 173.1704, 0.4238,
0.4321

 13.3591, 0.5056,
0.4944

 213.2063, 0.4172,
0.4263

 7.6763, 0.5092,
0.4908

 258.9812, 0.4113,
0.4211

 3.8885, 0.5147,
0.4853

 310.8795, 0.4060,

 1.6114, 0.5238,

0.4163

0.4762

369.2856, 0.4012,
0.4119

■ 0.3653, 0.5783,
0.4217

■ 0.0000, 0.0000,
0.0000

■ 62.7286, 0.4582,
0.4614

■ 62.7286, 0.4582,
0.4614

■ 59.6355, 0.4692,
0.4625


■ 66.0731, 0.4441,
0.4553

■ 57.8451, 0.4747,
0.4613


■ 69.6806, 0.4274,
0.4446


■ 73.5714, 0.4091,
0.4300

■ 77.7607, 0.3900,
0.4128

 82.2621, 0.3708,
0.3939

 87.0878, 0.3523,
0.3744

 92.2494, 0.3348,
0.3549

 97.7576, 0.3186,
0.3361

99.9983, 0.3127,
0.3290

Harmonies

Analogous

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



62.7286, 0.5033, 0.3934



62.7286, 0.4582, 0.4614



62.7286, 0.3788, 0.5096

Triad

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



62.7286, 0.4582, 0.4614



62.7286, 0.1615, 0.2926



62.7286, 0.3130, 0.2160

Complementary

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



62.7286, 0.4582, 0.4614



16.0730, 0.1706, 0.1184

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.



62.7286, 0.2262, 0.1897



62.7286, 0.4582, 0.4614



62.7286, 0.1509, 0.2208

Square

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



62.7286, 0.4582, 0.4614



62.7286, 0.2082, 0.4013



62.7286, 0.1723, 0.1895



62.7286, 0.4154, 0.2641

Rectangle

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



62.7286, 0.4582, 0.4614



62.7286, 0.3180, 0.5092



62.7286, 0.1723, 0.1895



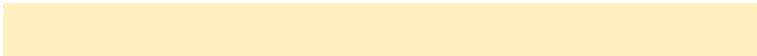
62.7286, 0.2809, 0.2045

Sweetspot

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



62.7317, 0.4582, 0.4614



86.5391, 0.3543, 0.3766



23.7353, 0.5408, 0.2901



18.1547, 0.3608, 0.3835



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.



62.7317, 0.4582, 0.4614



57.8496, 0.4747, 0.4613



84.6660, 0.3805, 0.5251



20.2537, 0.3276, 0.3466



30.4811, 0.4736, 0.4622



3.1438, 0.4660, 0.4682

Inverse Universe

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



16.0730, 0.1706, 0.1184



11.0639, 0.1576, 0.0873



11.0364, 0.1786, 0.0851



18.1366, 0.2979, 0.3108



5.9828, 0.1583, 0.0899



0.7495, 0.1642, 0.1109

Previews

White Background



This preview shows how the Yxy color 62.7286, 0.4582, 0.4614 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 62.7286, 0.4582, 0.4614 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 62.7286, 0.4582, 0.4614

Background



This preview shows how black text looks on a background with the Yxy color 62.7286, 0.4582, 0.4614.



This preview shows how white text looks on a background with the Yxy color 62.7286, 0.4582, 0.4614.

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

62.7286, 0.4582, 0.4614

Protanopia

62.7786, 0.4342, 0.4788

Deuteranopia

62.8796, 0.4374, 0.4325



Tritanopia

62.7859, 0.3569, 0.3177

Trichromacy



Original Color

62.7286, 0.4582, 0.4614

Protanomaly

62.7071, 0.4434, 0.4723

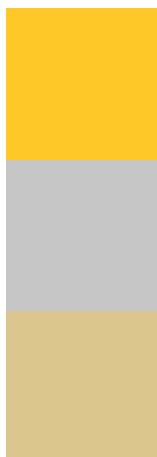
Deuteranomaly

62.5879, 0.4474, 0.4454

Tritanomaly

61.8267, 0.4048, 0.3822

Monochromacy



Original Color

62.7286, 0.4582, 0.4614

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.8300, 0.3735, 0.3967

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7286, 0.4582, 0.4614 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(255, 200, 41)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 41)  
}
```

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(255, 200, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 41) }
```

Border

The CSS property to change the border of an element to Yxy 62.7286, 0.4582, 0.4614 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(255, 200, 41) }
```

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

```
.border{ border-color:rgb(255, 200, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 41);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
41) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 62.7286, 0.4582, 0.4614$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 41) }
```

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

```
.background{ background-color: rgb(255,  
200, 41) }
```

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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