

Converting Colors

Yxy(62.9050, 0.4407, 0.4882)

Have a look what the booklet for
Yxy(62.9050, 0.4407, 0.4882)
contains.

Yxy(62.7739, 0.4414, 0.4877)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.7739, 0.4414, 0.4877)

Conversions

Conversions Part 1

Format	Color
Hex	EBD000
RGB	235, 208, 0
RGB Percent	92%, 82%, 0%
CMY	0.0785, 0.1843, 0.9994
CMYK	0.00, 0.11, 1.00, 0.08
HSL	53°, 100%, 46%
HSV	53°, 100%, 92%
XYZ	56.8144, 62.7739, 9.1258
YIQ	192.3610, 82.8600, -58.9640

Conversions

Conversions Part 2

Format	Color
R _Y B	31, 235, 0
Decimal	15454208
CIE Lab	83.32, -6.93, 83.72
CIE LCh	83, 84.008, 94.731
Yxy	62.7739, 0.4414, 0.4877
Android (android.graphics.Color)	4293644288 (0xFFEBD000)
YUV	192.3610, -94.8340, 37.3944
Hunter-Lab	79.2300, -10.6532, 48.6319

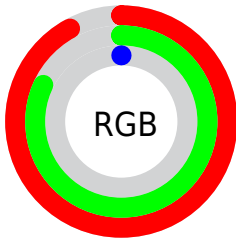
Details

The Yxy color **62.7739, 0.4414, 0.4877** is a light color, and the websafe version is hex **FFCC00**.

The color can be described as light washed yellow. A complement of this color would be **6.7883, 0.1520, 0.0670**, and the grayscale version is **53.4755, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4681, 0.4035, 0.4791**, and **32.1099, 0.4410, 0.4881** is the 20% darker color. If you saturate the color by 10%, you get **62.7679, 0.4414, 0.4877**, and if you desaturate by 10%, it is **64.1688, 0.4367, 0.4861**.

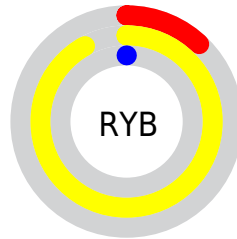
Distribution



Red (92%)

Green (82%)

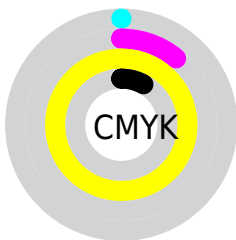
Blue (0%)



Red (12%)

Yellow (92%)

Blue (0%)

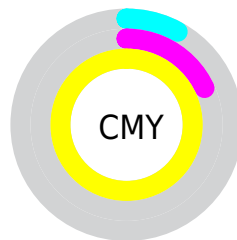


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (8%)



Cyan (8%)

Magenta (18%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7739, 0.4414, 0.4877 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 62.7739, 0.4414, 0.4877 by changing the saturation by 10% instead.

 62.7739, 0.4414,
0.4877


 62.7739, 0.4414,
0.4877


434.7485, 0.3903,
0.4212

 45.6583, 0.4492,
0.4991


 108.8433, 0.4265,
0.4674

 31.9763, 0.4567,
0.5109


 138.5658, 0.4198,
0.4586


 21.3434, 0.4631,
0.5228


 173.2595, 0.4137,
0.4507


 13.3752, 0.4667,
0.5333

 213.3087, 0.4081,
0.4435

 7.6874, 0.4625,
0.5375

 259.0978, 0.4030,
0.4371

 3.8956, 0.4561,
0.5439

 311.0112, 0.3984,

 1.6153, 0.4452,

0.4313

0.5548

369.4333, 0.3941,
0.4260

■ 0.3679, 0.3292,
0.6708

■ 0.0000, 0.0000,
0.0000

■ 62.7739, 0.4414,
0.4877

■ 62.7739, 0.4414,
0.4877

■ 62.7679, 0.4414,
0.4877

■ 64.1688, 0.4367,
0.4861

■ 65.6609, 0.4294,
0.4806

■ 67.2778, 0.4194,
0.4706

■ 69.0337, 0.4069,
0.4563

■ 70.9409, 0.3924,
0.4384

■ 73.0100, 0.3766,
0.4180

■ 75.2507, 0.3602,
0.3959

■ 77.6716, 0.3438,
0.3733

■ 80.2808, 0.3278,
0.3507

Harmonies

Analogous

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



62.7739, 0.5047, 0.4171



62.7739, 0.4414, 0.4877



62.7739, 0.3510, 0.5270

Triad

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



62.7739, 0.4414, 0.4877



62.7739, 0.1460, 0.2603



62.7739, 0.3465, 0.2233

Complementary

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



62.7739, 0.4414, 0.4877



6.7883, 0.1520, 0.0670

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.



62.7739, 0.2458, 0.1882



62.7739, 0.4414, 0.4877



62.7739, 0.1460, 0.1997

Square

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



62.7739, 0.4414, 0.4877



62.7739, 0.1818, 0.3675



62.7739, 0.1784, 0.1789



62.7739, 0.4529, 0.2788

Rectangle

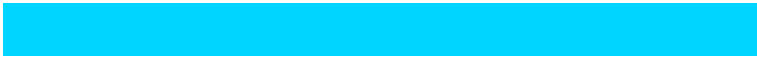
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.7739, 0.4414, 0.4877



62.7739, 0.2866, 0.5092



62.7739, 0.1784, 0.1789



62.7739, 0.3102, 0.2090

Sweetspot

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



62.7769, 0.4414, 0.4877



90.5349, 0.3605, 0.3964



17.7450, 0.6279, 0.3233



19.1285, 0.3675, 0.4058



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.



62.7769, 0.4414, 0.4877



75.4930, 0.4415, 0.4876



65.4265, 0.3529, 0.5580



17.3142, 0.3271, 0.3497



35.0586, 0.4410, 0.4880



2.8369, 0.4376, 0.4907

Inverse Universe

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



6.7883, 0.1520, 0.0670



8.1132, 0.1518, 0.0666



8.1832, 0.1804, 0.0768



14.8275, 0.2980, 0.3075



3.8672, 0.1524, 0.0684



0.3957, 0.1573, 0.0862

Previews

White Background



This preview shows how the Yxy color 62.7739, 0.4414, 0.4877 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 62.7739, 0.4414, 0.4877 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 62.7739, 0.4414, 0.4877

Background



This preview shows how black text looks on a background with the Yxy color 62.7739, 0.4414, 0.4877.



This preview shows how white text looks on a background with the Yxy color 62.7739, 0.4414, 0.4877.

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

62.7739, 0.4414, 0.4877

Protanopia

62.6086, 0.4405, 0.4881

Deuteranopia

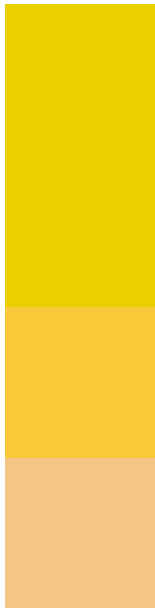
62.8450, 0.4386, 0.4340



Tritanopia

62.4682, 0.3451, 0.3133

Trichromacy



Original Color

62.7739, 0.4414, 0.4877

Protanomaly

62.6064, 0.4405, 0.4882

Deuteranomaly

62.4929, 0.4460, 0.4602

Tritanomaly

61.1088, 0.4013, 0.3999

Monochromacy



Original Color

62.7739, 0.4414, 0.4877

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

55.2032, 0.3785, 0.4202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7739, 0.4414, 0.4877 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(235, 208, 0)` looks like.

```
.text, #text, p{  
    color:rgb(235, 208, 0)  
}
```

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(235, 208, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 208, 0) }
```

Border

The CSS property to change the border of an element to Yxy 62.7739, 0.4414, 0.4877 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(235, 208, 0) }
```

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

```
.border{ border-color:rgb(235, 208, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 208, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 208, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 208, 0);  
box-shadow:4px 4px 4px 4px rgb(235, 208,  
0) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 62.7739, 0.4414, 0.4877$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 208, 0) }
```

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

```
.background{ background-color: rgb(235,  
208, 0) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor