

Converting Colors

$Yxy(62.6306, 0.4342, 0.4912)$

Have a look what the booklet for
Yxy(62.6306, 0.4342, 0.4912)
contains.

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Color

Yxy(62.7777, 0.4339, 0.4914)

Conversions

Conversions Part 1

Format	Color
Hex	E5D20C
RGB	229, 210, 12
RGB Percent	90%, 82%, 5%
CMY	0.1019, 0.1765, 0.9529
CMYK	0.00, 0.08, 0.95, 0.10
HSL	55°, 90%, 47%
HSV	55°, 95%, 90%
XYZ	55.4319, 62.7777, 9.5431
YIQ	193.1090, 74.8820, -57.5500

Conversions

Conversions Part 2

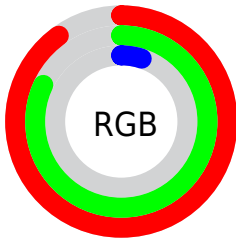
Format	Color
RYB	33, 229, 12
Decimal	15061516
CIELab	83.33, -10.38, 82.41
CIELCh	83, 83.062, 97.180
Yxy	62.7777, 0.4339, 0.4914
Android (android.graphics.Color)	4293251596 (0xFFE5D20C)
YUV	193.1090, -89.2867, 31.4764
Hunter-Lab	79.2324, -13.7759, 48.3215

Details

The Yxy color **62.7777, 0.4339, 0.4914** is a light color, and the websafe version is hex **CCCC00**. The color can be described as light washed yellow. A complement of this color would be **6.7186, 0.1538, 0.0699**, and the grayscale version is **53.9026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.5182, 0.4024, 0.4773**, and **32.2120, 0.4334, 0.4941** is the 20% darker color. If you saturate the color by 10%, you get **62.2359, 0.4358, 0.4922**, and if you desaturate by 10%, it is **63.8727, 0.4288, 0.4876**.

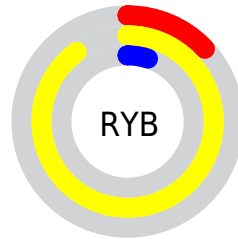
Distribution



Red (90%)

Green (82%)

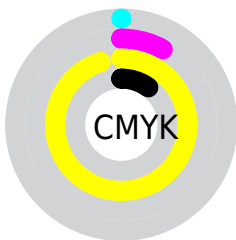
Blue (5%)



Red (13%)

Yellow (90%)

Blue (5%)

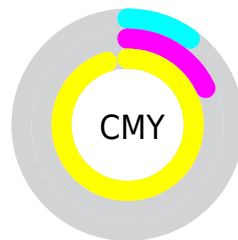


Cyan (0%)

Magenta (8%)

Yellow (95%)

Black (10%)



Cyan (10%)

Magenta (18%)

Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.7777, 0.4339, 0.4914 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 62.7777, 0.4339, 0.4914 by changing the saturation by 10% instead.

 62.7777, 0.4339,
0.4914

 62.7777, 0.4339,
0.4914


434.7623, 0.3860,
0.4220


 45.6614, 0.4411,
0.5038

 108.8487, 0.4200,
0.4698


 31.9787, 0.4478,
0.5168


 138.5723, 0.4138,
0.4606


 21.3452, 0.4532,
0.5302


 173.2670, 0.4080,
0.4523

 13.3766, 0.4563,
0.5437

 213.3173, 0.4028,
0.4450

 7.6884, 0.4499,
0.5501

 259.1076, 0.3980,
0.4383

 3.8962, 0.4402,
0.5598

 311.0222, 0.3936,

 1.6157, 0.4236,

0.4323

0.5764

369.4457, 0.3897,
0.4269

■ 0.3681, 0.2076,
0.7924

■ 0.0000, 0.0000,
0.0000

■ 62.7777, 0.4339,
0.4914

■ 62.7777, 0.4339,
0.4914

■ 62.2359, 0.4358,
0.4922

■ 63.8727, 0.4288,
0.4876

■ 65.0657, 0.4209,
0.4794

■ 66.3747, 0.4104,
0.4668

■ 67.8119, 0.3976,
0.4502

■ 69.3880, 0.3830,
0.4305

■ 71.1123, 0.3673,
0.4087

■ 72.9932, 0.3512,
0.3857

■ 75.0386, 0.3352,
0.3624

■ 77.2558, 0.3198,
0.3396

Harmonies

Analogous

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



62.7777, 0.4995, 0.4227



62.7777, 0.4339, 0.4914



62.7777, 0.3432, 0.5248

Triad

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



62.7777, 0.4339, 0.4914



62.7777, 0.1462, 0.2545



62.7777, 0.3552, 0.2281

Complementary

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



62.7777, 0.4339, 0.4914



6.7186, 0.1538, 0.0699

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.



62.7777, 0.2536, 0.1913



62.7777, 0.4339, 0.4914



62.7777, 0.1488, 0.1980

Square

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



62.7777, 0.4339, 0.4914



62.7777, 0.1788, 0.3572



62.7777, 0.1837, 0.1799



62.7777, 0.4586, 0.2845

Rectangle

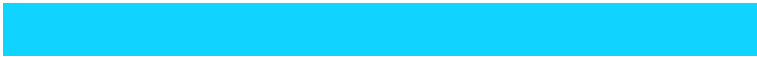
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.7777, 0.4339, 0.4914



62.7777, 0.2796, 0.5017



62.7777, 0.1837, 0.1799



62.7777, 0.3189, 0.2133

Sweetspot

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



62.7807, 0.4339, 0.4914



92.2947, 0.3567, 0.3936



17.0390, 0.6197, 0.3225



19.5330, 0.3637, 0.4036



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.



62.7807, 0.4339, 0.4914



79.3360, 0.4359, 0.4921



61.8488, 0.3528, 0.5554



16.5897, 0.3270, 0.3502



35.6655, 0.4355, 0.4924



2.6994, 0.4329, 0.4945

Inverse Universe

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



6.7186, 0.1538, 0.0699



7.8076, 0.1512, 0.0644



8.5640, 0.1889, 0.0834



14.0892, 0.2980, 0.3068



3.5948, 0.1517, 0.0660



0.3361, 0.1559, 0.0811

Previews

White Background



This preview shows how the Yxy color 62.7777, 0.4339, 0.4914 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 62.7777, 0.4339, 0.4914 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 62.7777, 0.4339, 0.4914

Background



This preview shows how black text looks on a background with the Yxy color 62.7777, 0.4339, 0.4914.



This preview shows how white text looks on a background with the Yxy color 62.7777, 0.4339, 0.4914.

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

62.7777, 0.4339, 0.4914

Protanopia

62.6283, 0.4397, 0.4870

Deuteranopia

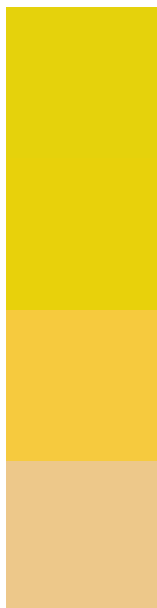
62.3864, 0.4393, 0.4331



Tritanopia

62.5606, 0.3392, 0.3131

Trichromacy



Original Color

62.7777, 0.4339, 0.4914

Protanomaly

62.7809, 0.4372, 0.4890

Deuteranomaly

62.1817, 0.4425, 0.4587

Tritanomaly

61.1481, 0.3907, 0.3971

Monochromacy



Original Color

62.7777, 0.4339, 0.4914

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

55.5010, 0.3727, 0.4161

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.7777, 0.4339, 0.4914 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(229, 210, 12)` looks like.

```
.text, #text, p{  
    color:rgb(229, 210, 12)  
}
```

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(229, 210, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 210, 12) }
```

Border

The CSS property to change the border of an element to Yxy 62.7777, 0.4339, 0.4914 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(229, 210, 12) }
```

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

```
.border{ border-color:rgb(229, 210, 12) }
```

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

Here you see how a box with a 4 pixel rgb(229, 210, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 210, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 210, 12);  
box-shadow:4px 4px 4px 4px rgb(229, 210,  
12) }
```


Background

The CSS property to change the background color of an element to Yxy 62.7777, 0.4339, 0.4914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 210, 12) }
```

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

```
.background{ background-color: rgb(229,  
210, 12) }
```

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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