

Converting Colors

Yxy(62.1714, 0.4336, 0.4939)

Have a look what the booklet for
Yxy(62.1714, 0.4336, 0.4939)
contains.

Yxy(62.4241, 0.4332, 0.4942)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(62.4241, 0.4332, 0.4942)

Conversions

Conversions Part 1

Format	Color
Hex	E3D200
RGB	227, 210, 0
RGB Percent	89%, 82%, 0%
CMY	0.1099, 0.1764, 0.9992
CMYK	0.00, 0.07, 1.00, 0.11
HSL	56°, 100%, 45%
HSV	56°, 100%, 89%
XYZ	54.7190, 62.4241, 9.1704
YIQ	191.1430, 77.5420, -61.7060

Conversions

Conversions Part 2

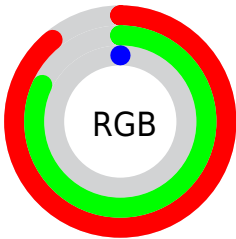
Format	Color
R _Y B	18, 227, 0
Decimal	14930432
CIE Lab	83.14, -11.38, 83.26
CIE LCh	83, 84.034, 97.780
Yxy	62.4241, 0.4332, 0.4942
Android (android.graphics.Color)	4293120512 (0xFFE3D200)
YUV	191.1430, -94.2335, 31.4466
Hunter-Lab	79.0089, -14.6424, 48.4246

Details

The Yxy color **62.4241, 0.4332, 0.4942** 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 **5.9517, 0.1511, 0.0639**, and the grayscale version is **52.7256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.4681, 0.4035, 0.4791**, and **31.9924, 0.4312, 0.4958** is the 20% darker color. If you saturate the color by 10%, you get **62.4188, 0.4332, 0.4942**, and if you desaturate by 10%, it is **63.3306, 0.4295, 0.4919**.

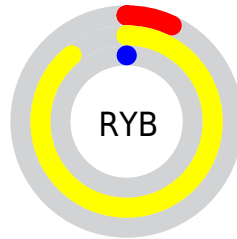
Distribution



Red (89%)

Green (82%)

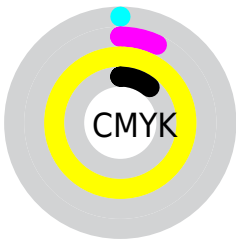
Blue (0%)



Red (7%)

Yellow (89%)

Blue (0%)

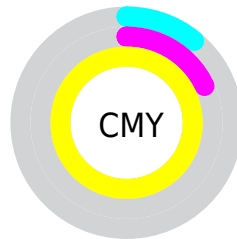


Cyan (0%)

Magenta (7%)

Yellow (100%)

Black (11%)



Cyan (11%)

Magenta (18%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4241, 0.4332, 0.4942 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 62.4241, 0.4332, 0.4942 by changing the saturation by 10% instead.


 62.4241, 0.4332,
0.4942

 62.4241, 0.4332,
0.4942


433.4764, 0.3860,
0.4236

 45.3755, 0.4401,
0.5068

 108.3382, 0.4197,
0.4722


 31.7533, 0.4464,
0.5200


 137.9725, 0.4135,
0.4628


 21.1731, 0.4515,
0.5338


 172.5708, 0.4078,
0.4544

 13.2506, 0.4532,
0.5468

 212.5176, 0.4026,
0.4469

 7.6013, 0.4461,
0.5539

 258.1971, 0.3979,
0.4402

 3.8409, 0.4353,
0.5647


 309.9938, 0.3936,

 1.5850, 0.4169,


0.4341


368.2921, 0.3896,
0.4286


0.5831


 0.3474, 0.1314,
0.8686


 0.0000, 0.0000,
0.0000


 62.4241, 0.4332,
0.4942


 62.4241, 0.4332,
0.4942

 62.4188, 0.4332,
0.4942

 63.3306, 0.4295,
0.4919

 64.3147, 0.4234,
0.4859

 65.4019, 0.4146,
0.4754

 66.6055, 0.4033,
0.4606

■ 67.9365, 0.3899,
0.4423

■ 69.4046, 0.3750,
0.4212

■ 71.0185, 0.3593,
0.3985

■ 72.7863, 0.3433,
0.3750

■ 74.7151, 0.3276,
0.3516

Harmonies

Analogous

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



62.4241, 0.5005, 0.4247



62.4241, 0.4332, 0.4942



62.4241, 0.3412, 0.5276

Triad

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



62.4241, 0.4332, 0.4942



62.4241, 0.1442, 0.2518



62.4241, 0.3579, 0.2280

Complementary

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



62.4241, 0.4332, 0.4942



5.9517, 0.1511, 0.0639

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.



62.4241, 0.2546, 0.1904



62.4241, 0.4332, 0.4942



62.4241, 0.1476, 0.1958

Square

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



62.4241, 0.4332, 0.4942



62.4241, 0.1761, 0.3550



62.4241, 0.1833, 0.1783



62.4241, 0.4623, 0.2852

Rectangle

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



62.4241, 0.4332, 0.4942



62.4241, 0.2770, 0.5030



62.4241, 0.1833, 0.1783



62.4241, 0.3211, 0.2129

Sweetspot

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



62.4271, 0.4332, 0.4942



92.4193, 0.3597, 0.3992



16.3779, 0.6323, 0.3258



19.5860, 0.3664, 0.4089



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.



62.4271, 0.4332, 0.4942



81.2131, 0.4333, 0.4941



59.8667, 0.3478, 0.5620



16.6230, 0.3269, 0.3505



36.4901, 0.4330, 0.4944



2.7518, 0.4308, 0.4962

Inverse Universe

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



5.9517, 0.1511, 0.0639



7.6880, 0.1510, 0.0635



7.9654, 0.1860, 0.0799



14.0593, 0.2980, 0.3065



3.5312, 0.1514, 0.0649



0.3218, 0.1550, 0.0781

Previews

White Background



This preview shows how the Yxy color 62.4241, 0.4332, 0.4942 looks on a white background.

Color Contrast Check

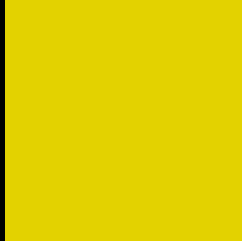
Large Text (above 18pt) WCAG AA × Fail

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 62.4241, 0.4332, 0.4942 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 62.4241, 0.4332, 0.4942

Background



This preview shows how black text looks on a background with the Yxy color 62.4241, 0.4332, 0.4942.



This preview shows how white text looks on a background with the Yxy color 62.4241, 0.4332, 0.4942.

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

62.4241, 0.4332, 0.4942

Protanopia

62.6042, 0.4406, 0.4883

Deuteranopia

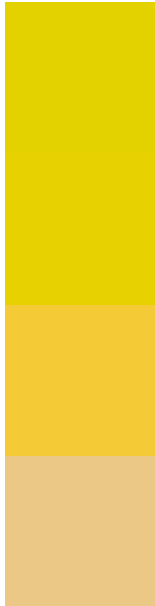
62.3201, 0.4415, 0.4360



Tritanopia

62.2086, 0.3375, 0.3130

Trichromacy



Original Color

62.4241, 0.4332, 0.4942

Protanomaly

62.5899, 0.4373, 0.4909

Deuteranomaly

61.9294, 0.4443, 0.4627

Tritanomaly

60.6920, 0.3920, 0.4018

Monochromacy



Original Color

62.4241, 0.4332, 0.4942

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

54.6307, 0.3750, 0.4214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4241, 0.4332, 0.4942 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(227, 210, 0)` looks like.

```
.text, #text, p{  
    color:rgb(227, 210, 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(227, 210, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 210, 0) }
```

Border

The CSS property to change the border of an element to Yxy 62.4241, 0.4332, 0.4942 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(227, 210, 0) }
```

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

```
.border{ border-color:rgb(227, 210, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 210, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 210, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 210, 0);  
box-shadow:4px 4px 4px 4px rgb(227, 210,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4241, 0.4332, 0.4942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 210, 0) }
```

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

```
.background{ background-color: rgb(227,  
210, 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