

Converting Colors

$Y_{xy}(62.3252, 0.4200, 0.4720)$

Have a look what the booklet for
Yxy(62.3252, 0.4200, 0.4720)
contains.

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Color

Yxy(62.3252, 0.4200, 0.4720)

Conversions

Conversions Part 1

Format	Color
Hex	E3D142
RGB	227, 209, 66
RGB Percent	89%, 82%, 26%
CMY	0.1099, 0.1803, 0.7412
CMYK	0.00, 0.08, 0.71, 0.11
HSL	53°, 74%, 57%
HSV	53°, 71%, 89%
XYZ	55.4589, 62.3252, 14.2609
YIQ	198.0800, 56.6310, -40.6570

Conversions

Conversions Part 2

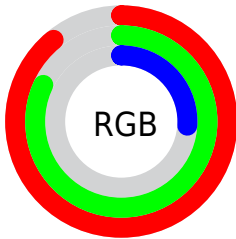
Format	Color
R_{YB}	86, 227, 66
Decimal	14930242
CIE _{Lab}	83.09, -9.28, 69.27
CIE _{LCh}	83, 69.889, 97.633
Yxy	62.3252, 0.4200, 0.4720
Android (android.graphics.Color)	4293120322 (0xFFE3D142)
YUV	198.0800, -65.1154, 25.3628
Hunter-Lab	78.9463, -12.7619, 44.5523

Details

The Yxy color **62.3252, 0.4200, 0.4720** is a light color, and the websafe version is hex **CCCC33**. The color can be described as light muted yellow. A complement of this color would be **13.0404, 0.1810, 0.1225**, and the grayscale version is **56.9018, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1851, 0.3889, 0.4549**, and **31.7675, 0.4334, 0.4941** is the 20% darker color. If you saturate the color by 10%, you get **60.8776, 0.4297, 0.4817**, and if you desaturate by 10%, it is **63.9046, 0.4078, 0.4580**.

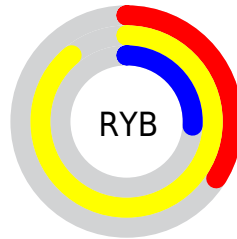
Distribution



Red (89%)

Green (82%)

Blue (26%)



Red (34%)

Yellow (89%)

Blue (26%)

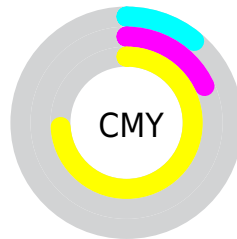


Cyan (0%)

Magenta (8%)

Yellow (71%)

Black (11%)



Cyan (11%)


Magenta (18%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.3252, 0.4200, 0.4720 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 62.3252, 0.4200, 0.4720 by changing the saturation by 10% instead.

 62.3252, 0.4200,
0.4720

 62.3252, 0.4200,
0.4720


433.1163, 0.3748,
0.4081


 45.2955, 0.4280,
0.4846


 108.1954, 0.4059,
0.4511

 31.6903, 0.4365,
0.4989


 137.8047, 0.4000,
0.4426


 21.1250, 0.4446,
0.5144


 172.3760, 0.3946,
0.4351

 13.2154, 0.4530,
0.5328

 212.2937, 0.3898,
0.4284

 7.5771, 0.4538,
0.5462

 257.9422, 0.3854,
0.4225

 3.8255, 0.4450,
0.5550

309.7059, 0.3815,

 1.5765, 0.4301,

0.4172

0.5699

367.9691, 0.3780,
0.4124

■ 0.3416, 0.2231,
0.7769

■ 0.0000, 0.0000,
0.0000

■ 62.3252, 0.4200,
0.4720

■ 62.3252, 0.4200,
0.4720

■ 60.8776, 0.4297,
0.4817

■ 63.9046, 0.4078,
0.4580

■ 59.5395, 0.4365,
0.4869

■ 65.6183, 0.3936,
0.4405

■ 58.4017, 0.4407,
0.4883

■ 67.4792, 0.3780,
0.4202

■ 69.4961, 0.3617,
0.3983

■ 71.6771, 0.3453,
0.3756

■ 74.0296, 0.3293,
0.3529

■ 76.5606, 0.3141,
0.3310

■ 79.2768, 0.2998,
0.3101

■ 81.1599, 0.2954,
0.3053

Harmonies

Analogous

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



62.3252, 0.4745, 0.4165



62.3252, 0.4200, 0.4720



62.3252, 0.3415, 0.4927

Triad

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



62.3252, 0.4200, 0.4720



62.3252, 0.1670, 0.2665



62.3252, 0.3511, 0.2421

Complementary

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



62.3252, 0.4200, 0.4720



13.0404, 0.1810, 0.1225

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.



62.3252, 0.2640, 0.2087



62.3252, 0.4200, 0.4720



62.3252, 0.1691, 0.2158

Square

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



62.3252, 0.4200, 0.4720



62.3252, 0.1972, 0.3527



62.3252, 0.2013, 0.1985



62.3252, 0.4372, 0.2930

Rectangle

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



62.3252, 0.4200, 0.4720



62.3252, 0.2860, 0.4701



62.3252, 0.2013, 0.1985



62.3252, 0.3204, 0.2286

Sweetspot

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



62.3281, 0.4200, 0.4720



93.2628, 0.3456, 0.3761



20.8775, 0.5273, 0.3123



19.7887, 0.3502, 0.3824



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.



62.3281, 0.4200, 0.4720



78.4417, 0.4332, 0.4846



63.3519, 0.3596, 0.5174



16.5279, 0.3270, 0.3497



34.1732, 0.4403, 0.4886



2.6040, 0.4369, 0.4913

Inverse Universe

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



13.0404, 0.1810, 0.1225



11.1312, 0.1617, 0.0874



14.0088, 0.2188, 0.1243



14.1449, 0.2980, 0.3074



3.7323, 0.1523, 0.0682



0.3626, 0.1574, 0.0866

Previews

White Background



This preview shows how the Yxy color 62.3252, 0.4200, 0.4720 looks on a white background.

Color Contrast Check

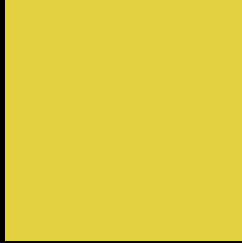
Large Text (above 18pt) WCAG AA × Fail

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 62.3252, 0.4200, 0.4720 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 62.3252, 0.4200, 0.4720

Background



This preview shows how black text looks on a background with the Yxy color 62.3252, 0.4200, 0.4720.



This preview shows how white text looks on a background with the Yxy color 62.3252, 0.4200, 0.4720.

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

62.3252, 0.4200, 0.4720

Protanopia

62.1748, 0.4256, 0.4678

Deuteranopia

61.9478, 0.4395, 0.4315



Tritanopia

62.0341, 0.3367, 0.3130

Trichromacy



Original Color

62.3252, 0.4200, 0.4720

Protanomaly

62.3281, 0.4232, 0.4696

Deuteranomaly

61.7950, 0.4334, 0.4458

Tritanomaly

61.4393, 0.3736, 0.3757

Monochromacy



Original Color

62.3252, 0.4200, 0.4720

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.9984, 0.3571, 0.3914

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.3252, 0.4200, 0.4720 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, 209, 66)` looks like.

```
.text, #text, p{  
    color:rgb(227, 209, 66)  
}
```

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, 209, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 209, 66) }
```

Border

The CSS property to change the border of an element to Yxy 62.3252, 0.4200, 0.4720 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, 209, 66) }
```

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

```
.border{ border-color:rgb(227, 209, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 209, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 209, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 209, 66);  
box-shadow:4px 4px 4px 4px rgb(227, 209,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 62.3252, 0.4200, 0.4720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 209, 66) }
```

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

```
.background{ background-color: rgb(227,  
209, 66) }
```

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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