

Converting Colors

YUV(176.0250, -62.1303,
-45.6259)

Have a look what the booklet for
YUV(176.0250, -62.1303, -45.6259)
contains.

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Color

**YUV(176.0250, -62.1303,
-45.6259)**

Conversions

Conversions Part 1	
Format	Color
Hex	7CE332
RGB	124, 227, 50
RGB Percent	49%, 89%, 20%
CMY	0.5137, 0.1098, 0.8039
CMYK	0.45, 0.00, 0.78, 0.11
HSL	95°, 76%, 54%
HSV	95°, 78%, 89%
XYZ	36.3570, 59.4535, 12.5771
YIQ	176.0250, -4.5710, -76.8830

Conversions

Conversions Part 2

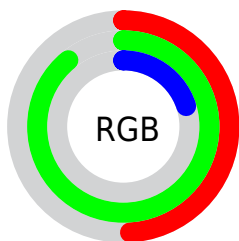
Format	Color
RYB	50, 227, 153
Decimal	8184626
CIELab	81.54, -57.48, 70.77
CIELCh	82, 91.170, 129.082
Yxy	59.4535, 0.3354, 0.5485
Android (android.graphics.Color)	4286374706 (0xFF7CE332)
YUV	176.0250, -62.1303, -45.6259
Hunter-Lab	77.1061, -50.7696, 44.3033

Details

The YUV color **176.0250, -62.1303, -45.6259** is a dark color, and the websafe version is hex **66CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **100.9750, 62.1303, 45.6259**, and the grayscale version is **177.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.2410, -52.8698, -29.1524**, and **118.6160, -58.4777, -50.5292** is the 20% darker color. If you saturate the color by 10%, you get **169.5160, -70.2604, -51.3185**, and if you desaturate by 10%, it is **182.5340, -54.0003, -39.9333**.

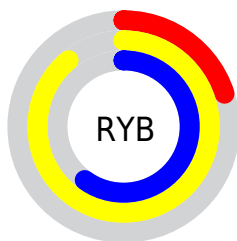
Distribution



Red (49%)

Green (89%)

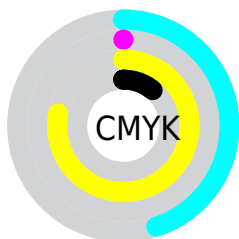
Blue (20%)



Red (20%)

Yellow (89%)

Blue (60%)

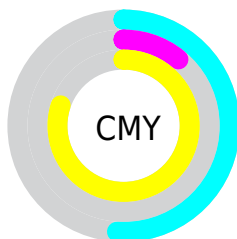


Cyan (45%)

Magenta (0%)

Yellow (78%)

Black (11%)



Cyan (51%)


Magenta (11%)


Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.0250, -62.1303, -45.6259 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 YUV color 176.0250, -62.1303, -45.6259 by changing the saturation by 10% instead.


 176.0250,
-62.1303, -45.6259


 176.0250,
-62.1303, -45.6259


255.0000, 0.0000,
0.0000

 144.7340,
-70.8609, -45.3707


 217.2410,
-52.8698, -29.1524


 118.6160,
-58.4777, -50.5292


 229.5170,
-44.6249, -13.6084


 88.7140, -43.7360,
-65.5242


 241.6790,
-36.8167, 2.0355

 68.6790, -33.8587,
-60.2315

 248.2740,
-25.7711, 5.8987

 53.4170, -26.3346,
-46.8467

 251.5800,
-13.1039, 2.9993

 38.7420, -19.0998,
-33.9767

 25.8280, -12.7332,

-22.6512

■ 6.4570, -3.1833,
-5.6628

■ 0.0000, 0.0000,
0.0000

■ 176.0250,
-62.1303, -45.6259

■ 176.0250,
-62.1303, -45.6259

■ 169.5160,
-70.2604, -51.3185

■ 182.5340,
-54.0003, -39.9333


■ 163.1210,
-77.9537, -57.1111


■ 188.9290,
-46.3070, -34.1407


■ 161.6540,
-79.6954, -58.4556

■ 195.7370,
-38.3243, -27.8333


■ 202.2460,
-30.1943, -22.1407

 208.6410,
-22.5010, -16.3482

 215.1500,
-14.3710, -10.6556

 221.6590, -6.2409,
-4.9629

 228.4670, 1.7418,
1.3444

 234.8620, 9.4350,
7.1370

Harmonies

Analogous

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



186.6910, -92.0387, 27.4580



176.0250, -62.1303, -45.6259



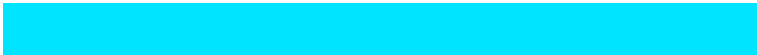
155.4380, -8.5969, -136.3191

Triad

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



176.0250, -62.1303, -45.6259



162.9060, 45.4023, -142.8686



161.3350, 9.2018, 82.1442

Complementary

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



176.0250, -62.1303, -45.6259



100.9750, 62.1303, 45.6259

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.



179.2770, 37.3314, 66.4091



176.0250, -62.1303, -45.6259



148.8180, 52.3477, -130.5134

Square

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



176.0250, -62.1303, -45.6259



169.3630, 42.2190, -148.5314



197.9620, 28.1197, 34.2363



167.9500, -33.9923, 76.3429

Rectangle

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



176.0250, -62.1303, -45.6259



163.9250, 16.3060, -143.7622



197.9620, 28.1197, 34.2363



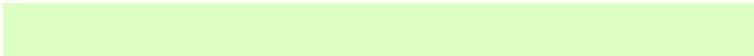
164.6410, 21.8690, 79.2448

Sweetspot

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



176.0250, -62.1303, -45.6259



238.1080, -20.7592, -15.0037



161.6230, -55.0301, 57.3356



117.6170, -12.6292, -9.3111



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



176.0250, -62.1303, -45.6259



186.0790, -84.3419, -61.4593



155.2670, -45.9806, -92.3192



111.5390, -4.2097, -3.1037



127.4980, -62.8565, -46.0407



36.2160, -17.8545, -13.3444

Inverse Universe

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



100.9750, 62.1303, 45.6259



84.2200, 84.1945, 62.0741



121.7330, 45.9806, 92.3192



106.4610, 4.2097, 3.1037



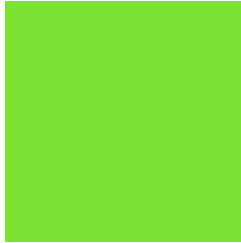
51.5020, 62.8565, 46.0407



14.7840, 17.8545, 13.3444

Previews

White Background



This preview shows how the YUV color 176.0250, -62.1303, -45.6259 looks on a white background.

Color Contrast Check

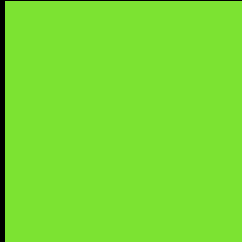
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 176.0250, -62.1303, -45.6259 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](#).

YUV 176.0250, -62.1303, -45.6259 Background



This preview shows how black text looks on a background with the YUV color 176.0250, -62.1303, -45.6259.

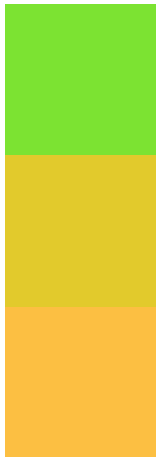


This preview shows how white text looks on a background with the YUV color 176.0250, -62.1303, -45.6259.

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

176.0250, -62.1303, -45.6259

Protanopia

191.1640, -72.5519, 30.5512

Deuteranopia

194.9890, -63.5916, 49.9986



Tritanopia

194.9980, 16.2700, -38.5862

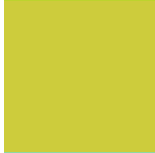
Trichromacy



Original Color
176.0250, -62.1303, -45.6259



Protanomaly
185.6120, -68.8287, 2.9713



Deuteranomaly
187.8830, -63.0463, 15.0116

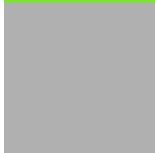


Tritanomaly
188.1200, -12.3842, -41.3242

Monochromacy



Original Color
176.0250, -62.1303, -45.6259



Achromatopsia
176.0000, 0.0000, 0.0000



Achromatomaly
176.2280, -22.7904, -16.8630

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.0250, -62.1303, -45.6259 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(124, 227, 50)` looks like.

```
.text, #text, p{  
    color:rgb(124, 227, 50)  
}
```

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(124, 227, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 227, 50) }
```

Border

The CSS property to change the border of an element to YUV 176.0250, -62.1303, -45.6259 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(124, 227, 50) }
```


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

```
.border{ border-color:rgb(124, 227, 50) }
```

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

Here you see how a box with a 4 pixel rgb(124, 227, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 227, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 227, 50);  
box-shadow:4px 4px 4px 4px rgb(124, 227,  
50) }
```

Background

The CSS property to change the background color of an element to YUV 176.0250, -62.1303, -45.6259 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 227, 50) }
```

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

```
.background{ background-color: rgb(124,  
227, 50) }
```

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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