

Converting Colors

YUV(61.4460, -22.8979,
64.5069)

Have a look what the booklet for
YUV(61.4460, -22.8979, 64.5069)
contains.

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Color

**YUV(61.4460, -22.8979,
64.5069)**

Conversions

Conversions Part 1

Format	Color
Hex	87210F
RGB	135, 33, 15
RGB Percent	53%, 13%, 6%
CMY	0.4706, 0.8706, 0.9412
CMYK	0.00, 0.76, 0.89, 0.47
HSL	9°, 80%, 29%
HSV	9°, 89%, 53%
XYZ	10.6218, 6.2731, 1.1029
YIQ	61.4460, 66.5700, 16.0260

Conversions

Conversions Part 2

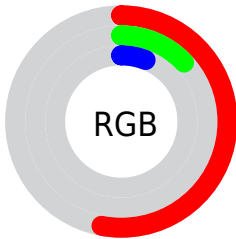
Format	Color
R_{YB}	135, 36, 15
Decimal	8855823
CIE _{Lab}	30.09, 42.17, 36.19
CIE _{LCh}	30, 55.570, 40.641
Yxy	6.2731, 0.5902, 0.3485
Android (android.graphics.Color)	4287045903 (0xFF87210F)
YUV	61.4460, -22.8979, 64.5069
Hunter-Lab	25.0462, 31.8688, 14.9214

Details

The YUV color **61.4460, -22.8979, 64.5069** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **88.5540, 22.8979, -64.5069**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.0400, -27.1347, 70.1249**, and **23.0230, -11.3503, 47.3378** is the 20% darker color. If you saturate the color by 10%, you get **53.5070, -25.3930, 71.4694**, and if you desaturate by 10%, it is **69.4990, -19.9660, 57.4444**.

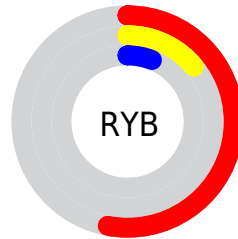
Distribution



Red (53%)

Green (13%)

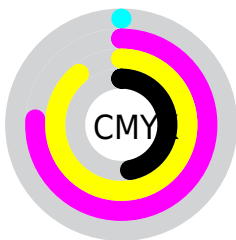
Blue (6%)



Red (53%)

Yellow (14%)

Blue (6%)

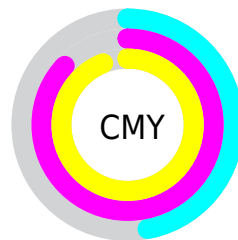


Cyan (0%)

Magenta (76%)

Yellow (89%)

Black (47%)



Cyan (47%)


Magenta (87%)


Yellow (94%)


Brightness & Saturation Gradients


These gradients show how the YUV color 61.4460, -22.8979, 64.5069 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 61.4460, -22.8979, 64.5069 by changing the saturation by 10% instead.


 61.4460, -22.8979,
64.5069


 61.4460, -22.8979,
64.5069


 253.6320, -5.2416,
1.1997

 31.6940, -15.6251,
65.1664


 115.0400,
-27.1347, 70.1249

 23.0230, -11.3503,
47.3378

 142.7800,
-29.4715, 72.9839

 15.7760, -6.7916,
31.7684

 169.5630,
-30.3506, 74.9282

 0.0000, 0.0000,
0.0000

 188.3760,
-26.8074, 58.4292

 207.7760,
-23.5536, 41.4154

 227.8770,

-20.1524, 23.7869

■ 248.0920,
-16.3144, 6.0583

■ 61.4460, -22.8979,
64.5069

■ 61.4460, -22.8979,
64.5069

■ 53.5070, -25.3930,
71.4694

■ 69.4990, -19.9660,
57.4444

■ 52.1050, -25.6878,
72.6989

■ 78.0250, -17.7603,
49.9671

■ 86.0780, -14.8285,
42.9046

■ 94.6040, -12.6228,
35.4273

■ 102.6570, -9.6909,
28.3648

■ 111.1830, -7.4852,
20.8875

■ 119.2360, -4.5533,
13.8250

■ 127.7620, -2.3477,
6.3477

■ 135.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



49.9670, 3.9603, 83.3439



61.4460, -22.8979, 64.5069



66.9360, -32.9994, 37.7671

Triad

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



61.4460, -22.8979, 64.5069



55.6290, -7.7051, -48.7866



60.1620, 47.7411, -52.7621

Complementary

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



61.4460, -22.8979, 64.5069



88.5540, 22.8979, -64.5069

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.



66.1630, 42.8106, -58.0250



61.4460, -22.8979, 64.5069



62.0470, 11.8088, -54.4152

Square

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



61.4460, -22.8979, 64.5069



54.1030, -26.6728, -31.6623



66.1340, 30.0069, -57.9995



71.5790, 32.2526, 15.2782

Rectangle

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



61.4460, -22.8979, 64.5069



67.1030, -33.0818, 17.4497



66.1340, 30.0069, -57.9995



63.3250, 47.1678, -55.5360

Sweetspot

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



61.4460, -22.8979, 64.5069



147.0480, -9.3907, 25.3909



62.5080, 26.8646, 63.5755



71.7200, -5.2850, 15.1546



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000

Same Dimension

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



61.4460, -22.8979, 64.5069



67.8860, -33.4678, 94.8160



96.6660, -40.2613, 33.6189



62.3810, -1.1738, 3.1739



50.6100, -24.9507, 69.6250



0.8970, -0.4422, 1.8443

Inverse Universe

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



88.5540, 22.8979, -64.5069



108.1140, 33.4678, -94.8160



53.3340, 40.2613, -33.6189



63.6190, 1.1738, -3.1739



79.9770, 24.6613, -70.1398



1.5160, 0.7316, -1.3295

Previews

White Background



This preview shows how the YUV color 61.4460, -22.8979, 64.5069 looks on a white background.

Color Contrast Check

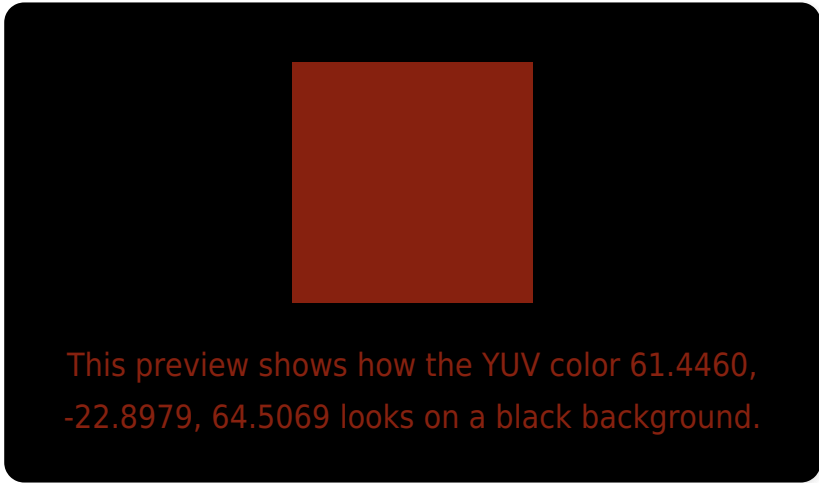
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

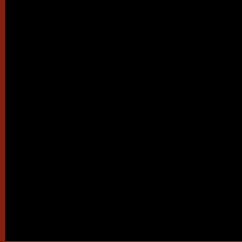
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 61.4460, -22.8979, 64.5069

Background



This preview shows how black text looks on a background with the YUV color 61.4460, -22.8979, 64.5069.



This preview shows how white text looks on a background with the YUV color 61.4460, -22.8979,

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

61.4460, -22.8979, 64.5069

Protanopia

69.8060, -22.5824, 9.8171

Deuteranopia

67.7120, -33.3820, 20.4236



Tritanopia

62.2100, -14.8935, 63.8368

Trichromacy



Original Color

61.4460, -22.8979, 64.5069

Protanomaly

66.6390, -22.5000, 30.1346

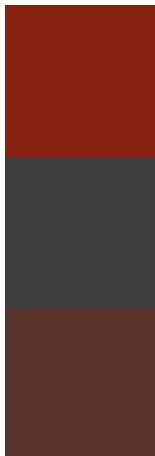
Deuteranomaly

65.4350, -29.7945, 36.4525

Tritanomaly

62.1130, -17.8037, 63.9219

Monochromacy



Original Color

61.4460, -22.8979, 64.5069

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.2650, -8.5116, 23.4466

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.4460, -22.8979, 64.5069 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(135, 33, 15)` looks like.

```
.text, #text, p{  
    color:rgb(135, 33, 15)  
}
```

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(135, 33, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 33, 15) }
```

Border

The CSS property to change the border of an element to YUV 61.4460, -22.8979, 64.5069 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(135, 33, 15) }
```


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

```
.border{ border-color:rgb(135, 33, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 33, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 33, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 33, 15);  
box-shadow:4px 4px 4px 4px rgb(135, 33,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 61.4460, -22.8979, 64.5069 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 33, 15) }
```

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

```
.background{ background-color: rgb(135, 33,  
15) }
```

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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