

Converting Colors

YUV(61.7720, -30.4536,
108.0710)

Have a look what the booklet for
YUV(61.7720, -30.4536, 108.0710)
contains.

YUV(61.7720, -30.4536, 108.0710)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	30

Color

**YUV(61.7720, -30.4536,
108.0710)**

Conversions

Conversions Part 1

Format	Color
Hex	B90B00
RGB	185, 11, 0
RGB Percent	73%, 4%, 0%
CMY	0.2745, 0.9569, 1.0000
CMYK	0.00, 0.94, 1.00, 0.27
HSL	4°, 100%, 36%
HSV	4°, 100%, 73%
XYZ	20.1273, 10.5536, 0.9762
YIQ	61.7720, 107.2350, 33.4670

Conversions

Conversions Part 2

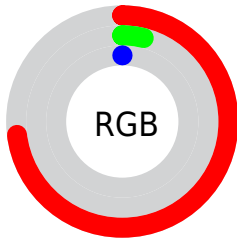
Format	Color
R _Y B	185, 12, 0
Decimal	12126976
CIE Lab	38.82, 61.74, 52.97
CIE LCh	39, 81.345, 40.626
Yxy	10.5536, 0.6358, 0.3334
Android (android.graphics.Color)	4290317056 (0xFFB90B00)
YUV	61.7720, -30.4536, 108.0710
Hunter-Lab	32.4864, 53.7404, 20.9588

Details

The YUV color **61.7720, -30.4536, 108.0710** is a dark color, and the websafe version is hex **CC0000**. A complement of this color would be **123.2280, 30.4536, -108.0710**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.8720, -38.8839, 105.3523**, and **36.1790, -17.8362, 74.3880** is the 20% darker color. If you saturate the color by 10%, you get **61.7720, -30.4536, 108.0710**, and if you desaturate by 10%, it is **73.8030, -27.5109, 97.5198**.

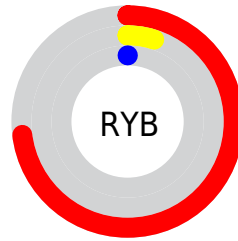
Distribution



Red (73%)

Green (4%)

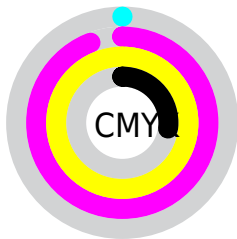
Blue (0%)



Red (73%)

Yellow (5%)

Blue (0%)

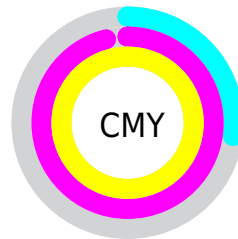


Cyan (0%)

Magenta (94%)

Yellow (100%)

Black (27%)



Cyan (27%)


Magenta (96%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 61.7720, -30.4536, 108.0710 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 61.7720, -30.4536, 108.0710 by changing the saturation by 10% instead.


 61.7720, -30.4536,
108.0710


 61.7720, -30.4536,
108.0710


 252.8340, -8.2992,
1.8996


 45.7470, -22.5533,
94.0609


 129.8720,
-38.8839, 105.3523


 36.1790, -17.8362,
74.3880


 150.5390,
-37.2407, 91.6123

 26.9100, -13.2666,
55.3299

 170.4120,
-34.7131, 74.1837

 18.8800, -7.8288,
37.8162

 189.6980,
-31.8961, 57.2699

 8.1870, -3.5432,
16.4990


 209.7990,
-28.4949, 39.6413


 0.0000, 0.0000,
0.0000


 229.9000,


-25.0937, 22.0127


 249.5280,
-20.9663, 4.7989


 61.7720, -30.4536,
108.0710

 73.8030, -27.5109,
97.5198

 86.5350, -24.4208,
86.3538

 98.6800, -21.0412,
75.7026

 111.2980,
-18.3879, 64.6367

 123.4430,
-15.0084, 53.9855

■ 135.4740,
-12.0657, 43.4343

■ 148.2060, -8.9756,
32.2683

■ 160.2370, -6.0328,
21.7172

■ 172.9690, -2.9427,
10.5512

Harmonies

Analogous

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



68.3070, 1.8206, 116.3718



61.7720, -30.4536, 108.0710



85.3310, -42.0682, 53.2067

Triad

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



61.7720, -30.4536, 108.0710



71.8200, -14.2083, -62.9861



80.7140, 70.6400, -70.7862

Complementary

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



61.7720, -30.4536, 108.0710



123.2280, 30.4536, -108.0710

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.



90.1230, 63.5364, -79.0379



61.7720, -30.4536, 108.0710



81.6750, 15.9362, -71.6290

Square

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



61.7720, -30.4536, 108.0710



63.9830, -31.5436, -56.1131



88.8570, 43.4545, -77.9276



90.2590, 51.1443, 22.5749

Rectangle

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



61.7720, -30.4536, 108.0710



86.0190, -42.4074, 21.9083



88.8570, 43.4545, -77.9276



85.1650, 69.9247, -74.6897

Sweetspot

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



61.7720, -30.4536, 108.0710



191.8760, -11.7709, 42.2047



75.3790, 49.6062, 96.1376



91.0310, -6.9173, 25.4058



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



61.7720, -30.4536, 108.0710



79.9780, -39.4292, 140.3393



115.1890, -56.7882, 61.2242



85.6910, -1.3267, 5.5330



51.9270, -25.6000, 91.2720



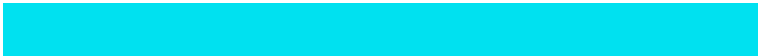
9.5460, -4.7062, 16.1842

Inverse Universe

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



123.2280, 30.4536, -108.0710



159.4350, 39.7185, -139.8245



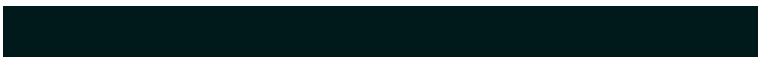
69.8110, 56.7882, -61.2242



88.7220, 1.6161, -5.0182



103.4860, 25.8894, -90.7572



18.4540, 4.7062, -16.1842

Previews

White Background



This preview shows how the YUV color 61.7720, -30.4536, 108.0710 looks on a white background.

Color Contrast Check

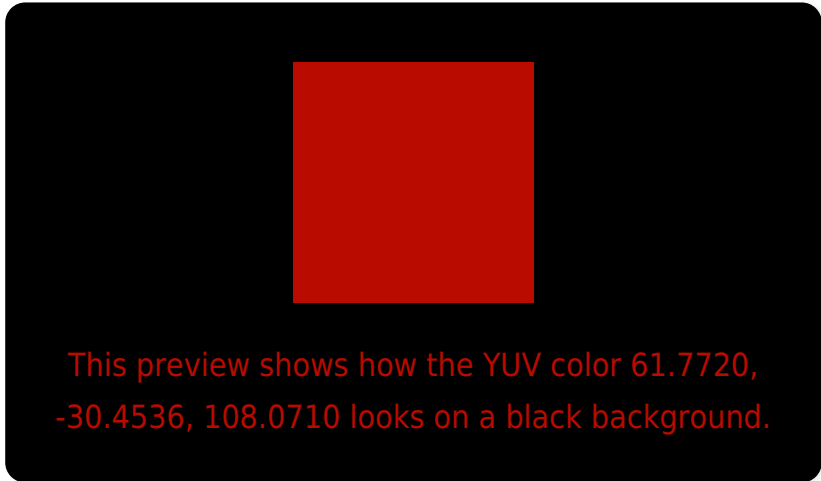
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 61.7720, -30.4536, 108.0710

Background



This preview shows how black text looks on a background with the YUV color 61.7720, -30.4536, 108.0710.



This preview shows how white text looks on a background with the YUV color 61.7720, -30.4536,

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



Protanopia

89.3090, -32.1973, 13.7610

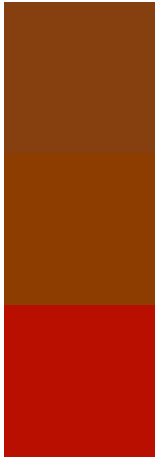
Deuteranopia

87.5250, -43.1498, 26.7266

Tritanopia

64.9950, -32.0425, 104.3674

Trichromacy



Protanomaly

79.3440, -31.7216, 47.9333

Deuteranomaly

78.2650, -38.5846, 55.8956

Tritanomaly

63.8210, -31.4638, 105.3970

Monochromacy



Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.6800, -11.1812, 39.7456

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.7720, -30.4536, 108.0710 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(185, 11, 0)` looks like.

```
.text, #text, p{  
    color:rgb(185, 11, 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(185, 11, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 11, 0) }
```

Border

The CSS property to change the border of an element to YUV 61.7720, -30.4536, 108.0710 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(185, 11, 0) }
```

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

```
.border{ border-color:rgb(185, 11, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 11, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 11, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 11, 0);  
box-shadow:4px 4px 4px 4px rgb(185, 11, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 61.7720, -30.4536, 108.0710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 11, 0) }
```

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

```
.background{ background-color: rgb(185, 11,  
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