

Converting Colors

YUV(61.5510, -21.9636,
91.6018)

Have a look what the booklet for
YUV(61.5510, -21.9636, 91.6018)
contains.

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Color

**YUV(61.5510, -21.9636,
91.6018)**

Conversions

Conversions Part 1

Format	Color
Hex	A61111
RGB	166, 17, 17
RGB Percent	65%, 7%, 7%
CMY	0.3490, 0.9333, 0.9333
CMYK	0.00, 0.90, 0.90, 0.35
HSL	0°, 81%, 36%
HSV	0°, 90%, 65%
XYZ	16.0275, 8.5484, 1.3356
YIQ	61.5510, 88.8040, 31.5880

Conversions

Conversions Part 2

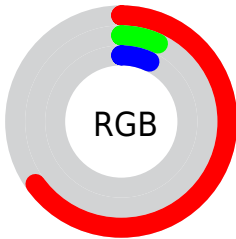
Format	Color
R_{YB}	166, 17, 17
Decimal	10883345
CIE Lab	35.10, 55.98, 41.98
CIE LCh	35, 69.969, 36.867
Yxy	8.5484, 0.6185, 0.3299
Android (android.graphics.Color)	4289073425 (0xFFA61111)
YUV	61.5510, -21.9636, 91.6018
Hunter-Lab	29.2376, 46.6847, 17.7579

Details

The YUV color **61.5510, -21.9636, 91.6018** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **121.4490, 21.9636, -91.6018**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **123.6730, -30.4048, 92.3718**, and **31.0960, -15.3303, 63.9368** is the 20% darker color. If you saturate the color by 10%, you get **49.6340, -24.4696, 102.0530**, and if you desaturate by 10%, it is **73.4680, -19.4577, 81.1506**.

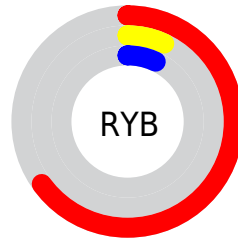
Distribution



Red (65%)

Green (7%)

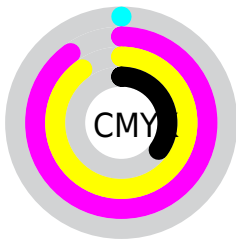
Blue (7%)



Red (65%)

Yellow (7%)

Blue (7%)

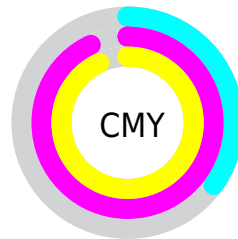


Cyan (0%)

Magenta (90%)

Yellow (90%)

Black (35%)



Cyan (35%)


Magenta (93%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the YUV color 61.5510, -21.9636, 91.6018 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 61.5510, -21.9636, 91.6018 by changing the saturation by 10% instead.


 61.5510, -21.9636,
91.6018


 61.5510, -21.9636,
91.6018


 254.0880, -3.4944,
0.7998


 40.3650, -19.8999,
82.9949


 123.6730,
-30.4048, 92.3718

 31.0960, -15.3303,
63.9368

 150.6190,
-31.8572, 91.5421

 22.5390, -10.6187,
46.0083

 169.3180,
-28.7508, 75.1431

 13.9820, -5.9071,
28.0798

 189.3050,
-25.7864, 57.6145


 0.0000, 0.0000,
0.0000


 208.7050,
-22.5326, 40.6007


 228.8060,


-19.1314, 22.9721


 249.6080,
-15.5827, 4.7288


 61.5510, -21.9636,
91.6018


 61.5510, -21.9636,
91.6018

 49.6340, -24.4696,
102.0530

 73.4680, -19.4577,
81.1506

 84.6840, -17.0992,
71.3141

 96.6010, -14.5933,
60.8629

 107.8170,
-12.2348, 51.0265

 119.7340, -9.7289,
40.5753

■ 131.6510, -7.2229,
30.1241

■ 142.8670, -4.8644,
20.2876

■ 154.7840, -2.3585,
9.8364

■ 166.0000, 0.0000,
0.0000

Harmonies

Analogous

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



60.9460, 5.9426, 100.9024



61.5510, -21.9636, 91.6018



76.7590, -37.8422, 51.0774

Triad

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



61.5510, -21.9636, 91.6018



63.7500, -14.6667, -55.9087



73.4130, 60.4354, -64.3832

Complementary

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



61.5510, -21.9636, 91.6018



121.4490, 21.9636, -91.6018

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.



80.0180, 52.7421, -70.1758



61.5510, -21.9636, 91.6018



72.3510, 10.6730, -63.4518

Square

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



61.5510, -21.9636, 91.6018



62.6200, -30.8717, -38.2547



78.6210, 34.6968, -68.9506



82.1620, 44.7831, 9.5049

Rectangle

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



61.5510, -21.9636, 91.6018



78.3660, -38.6344, 25.1120



78.6210, 34.6968, -68.9506



76.3480, 58.9884, -66.9572

Sweetspot

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



61.5510, -21.9636, 91.6018



175.6410, -8.6970, 36.2718



78.5370, 43.1193, 76.7051



85.4650, -5.1592, 21.5172



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



61.5510, -21.9636, 91.6018



64.8830, -31.9873, 133.4066



104.9890, -43.3786, 53.5066



78.3920, -1.1793, 4.9182



44.2520, -21.8162, 90.9870



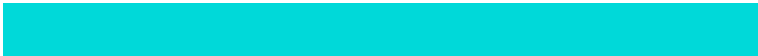
5.9800, -2.9481, 12.2955

Inverse Universe

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



121.4490, 21.9636, -91.6018



152.1170, 31.9873, -133.4066



77.4240, 43.6680, -52.9918



81.6080, 1.1793, -4.9182



103.7480, 21.8162, -90.9870



14.0200, 2.9481, -12.2955

Previews

White Background



This preview shows how the YUV color 61.5510, -21.9636, 91.6018 looks on a white background.

Color Contrast Check

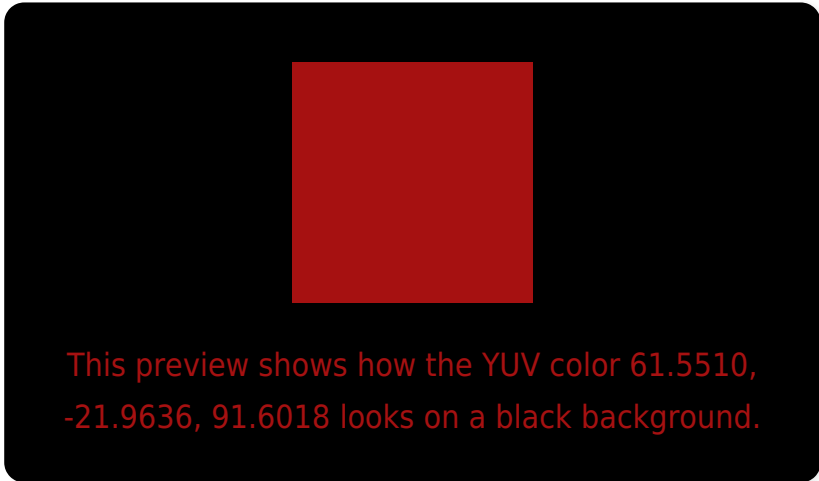
Large Text (above 18pt) WCAG AA ✓ Pass

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 61.5510, -21.9636, 91.6018

Background



This preview shows how black text looks on a background with the YUV color 61.5510, -21.9636, 91.6018.



This preview shows how white text looks on a background with the YUV color 61.5510, -21.9636,

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

61.5510, -21.9636, 91.6018

Protanopia

81.8340, -25.0612, 11.5466

Deuteranopia

78.9530, -38.9238, 24.5972



Tritanopia

61.5680, -24.4370, 91.5869

Trichromacy



Original Color

61.5510, -21.9636, 91.6018

Protanomaly

74.3630, -23.8430, 40.9006

Deuteranomaly

72.4150, -32.7426, 48.7480

Tritanomaly

61.7960, -23.5634, 91.3869

Monochromacy



Original Color

61.5510, -21.9636, 91.6018

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

62.1460, -7.9600, 33.1980

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.5510, -21.9636, 91.6018 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(166, 17, 17)` looks like.

```
.text, #text, p{  
    color:rgb(166, 17, 17)  
}
```

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(166, 17, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 17, 17) }
```

Border

The CSS property to change the border of an element to YUV 61.5510, -21.9636, 91.6018 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(166, 17, 17) }
```


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

```
.border{ border-color:rgb(166, 17, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 17, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 17, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 17, 17);  
box-shadow:4px 4px 4px 4px rgb(166, 17,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 61.5510, -21.9636, 91.6018 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 17, 17) }
```

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

```
.background{ background-color: rgb(166, 17,  
17) }
```

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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