

Converting Colors

YUV(61.5780, -6.2010, 75.7921)

Have a look what the booklet for
YUV(61.5780, -6.2010, 75.7921)
contains.

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Color

**YUV(61.5780, -6.2010,
75.7921)**

Conversions

Conversions Part 1

Format	Color
Hex	941431
RGB	148, 20, 49
RGB Percent	58%, 8%, 19%
CMY	0.4196, 0.9216, 0.8078
CMYK	0.00, 0.86, 0.67, 0.42
HSL	346°, 76%, 33%
HSV	346°, 86%, 58%
XYZ	13.0173, 7.0180, 3.5742
YIQ	61.5780, 66.9790, 36.1550

Conversions

Conversions Part 2

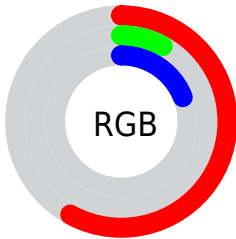
Format	Color
R_{YB}	148, 20, 49
Decimal	9704497
CIE Lab	31.85, 51.49, 18.46
CIE LCh	32, 54.698, 19.722
Yxy	7.0180, 0.5514, 0.2973
Android (android.graphics.Color)	4287894577 (0xFF941431)
YUV	61.5780, -6.2010, 75.7921
Hunter-Lab	26.4914, 41.3507, 10.5446

Details

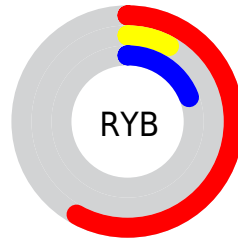
The YUV color **61.5780, -6.2010, 75.7921** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **106.4220, 6.2010, -75.7921**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.9820, -12.3161, 77.1918**, and **27.2520, -11.9562, 55.0300** is the 20% darker color. If you saturate the color by 10%, you get **51.5190, -6.6649, 84.6138**, and if you desaturate by 10%, it is **71.6370, -5.7370, 66.9704**.

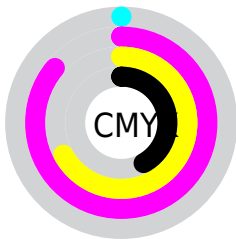
Distribution



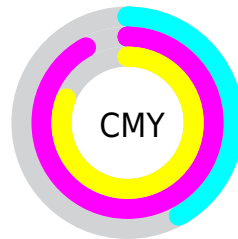
- Red (58%)
- Green (8%)
- Blue (19%)



- Red (58%)
- Yellow (8%)
- Blue (19%)



- Cyan (0%)
- Magenta (86%)
- Yellow (67%)
- Black (42%)



- Cyan (42%)
- Magenta (92%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 61.5780, -6.2010, 75.7921 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 61.5780, -6.2010, 75.7921 by changing the saturation by 10% instead.

61.5780, -6.2010,
75.7921

61.5780, -6.2010,
75.7921

255.0000, 0.0000,
0.0000

38.7730, -5.3111,
70.3591

119.9820,
-12.3161, 77.1918

27.2520, -11.9562,
55.0300

148.1240,
-14.3581, 78.8213

19.0650, -8.4130,
38.5310

172.0200,
-13.3209, 72.7735

9.0840, -3.9854,
18.3433

191.5340, -9.6303,
55.6597

0.0000, 0.0000,
0.0000

211.0480, -5.9397,
38.5459

231.2630, -2.1017,

20.8173

251.4780, 1.7363,
3.0888

61.5780, -6.2010,
75.7921

61.5780, -6.2010,
75.7921

51.5190, -6.6649,
84.6138

71.6370, -5.7370,
66.9704

48.1280, -6.9651,
87.5877

81.8100, -4.8363,
58.0486

91.2820, -4.0830,
49.7417

101.4550, -3.1823,
40.8200

111.5140, -2.7184,
31.9982

■ 121.6870, -1.8177,
23.0765

■ 131.7460, -1.3538,
14.2548

■ 141.3320, -0.1637,
5.8478

■ 151.3910, 0.3002,
-2.9739

Harmonies

Analogous

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



64.0990, 13.7552, 68.3192



61.5780, -6.2010, 75.7921



67.9260, -31.0225, 57.0699

Triad

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



61.5780, -6.2010, 75.7921



53.2690, -21.8246, -46.7169



68.1350, 45.2894, -59.7544

Complementary

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



61.5780, -6.2010, 75.7921



106.4220, 6.2010, -75.7921

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.



69.3770, 34.8171, -60.8436



61.5780, -6.2010, 75.7921



60.6160, -1.2897, -53.1602

Square

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



61.5780, -6.2010, 75.7921



67.2810, -33.1695, -1.1234



66.3330, 18.0768, -58.1740



65.8650, 44.9296, -37.5926

Rectangle

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



61.5780, -6.2010, 75.7921



70.7790, -34.8940, 38.7818



66.3330, 18.0768, -58.1740



69.4400, 42.6741, -60.8989

Sweetspot

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



61.5780, -6.2010, 75.7921



157.9050, -2.4182, 29.0243



63.8940, 41.4643, 47.4510



76.7680, -1.3646, 17.7435



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000

Same Dimension

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



61.5780, -6.2010, 75.7921



62.0110, -9.3724, 113.1234



78.2300, -28.7074, 61.1883



69.2070, -0.5951, 4.2035



44.7960, -6.8014, 81.7399



3.2180, -0.6005, 5.9478

Inverse Universe

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



61.5780, -6.2010, 75.7921



62.0110, -9.3724, 113.1234



89.7700, 28.7074, -61.1883



69.2070, -0.5951, 4.2035



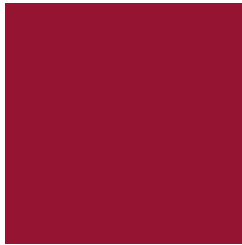
44.7960, -6.8014, 81.7399



3.2180, -0.6005, 5.9478

Previews

White Background



This preview shows how the YUV color 61.5780, -6.2010, 75.7921 looks on a white background.

Color Contrast Check

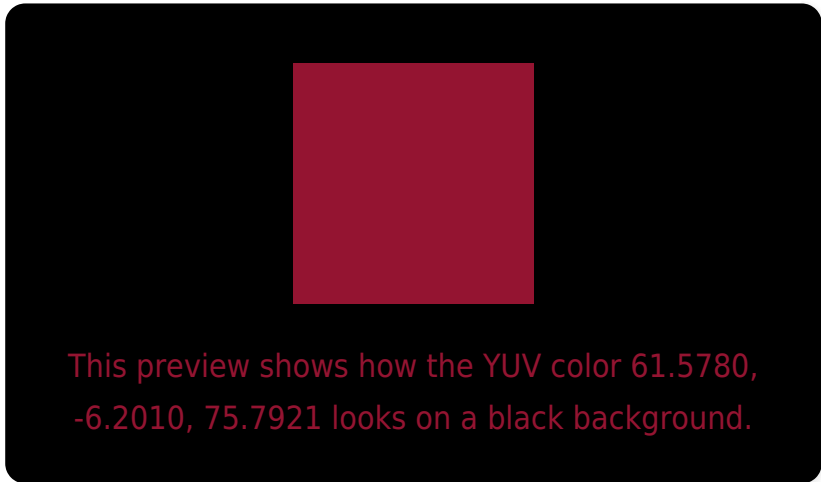
Large Text (above 18pt) WCAG AA ✓ Pass

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

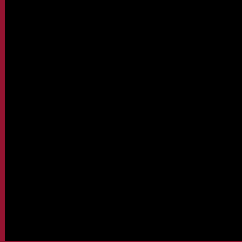
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 61.5780, -6.2010, 75.7921

Background



This preview shows how black text looks on a background with the YUV color 61.5780, -6.2010, 75.7921.



This preview shows how white text looks on a background with the YUV color 61.5780, -6.2010,

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

61.5780, -6.2010, 75.7921

Protanopia

77.0990, -3.4998, 2.5442

Deuteranopia

75.7450, -16.6363, 16.0096



Tritanopia

62.1790, -17.8362, 74.3880

Trichromacy



Original Color

61.5780, -6.2010, 75.7921

Protanomaly

71.3350, -4.6022, 29.5242

Deuteranomaly

70.9140, -12.7756, 37.7864

Tritanomaly

61.9170, -13.7631, 74.6178

Monochromacy



Original Color

61.5780, -6.2010, 75.7921

Achromatopsia

62.0000, 0.0000, 0.0000

Achromatomaly

61.8940, -2.4127, 27.2800

CSS Examples

Text

The CSS property to change the color of the text to YUV 61.5780, -6.2010, 75.7921 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(148, 20, 49)` looks like.

```
.text, #text, p{  
    color:rgb(148, 20, 49)  
}
```

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(148, 20, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 20, 49) }
```

Border

The CSS property to change the border of an element to YUV 61.5780, -6.2010, 75.7921 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(148, 20, 49) }
```


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

```
.border{ border-color:rgb(148, 20, 49) }
```

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

Here you see how a box with a 4 pixel rgb(148, 20, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 20, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 20, 49);  
box-shadow:4px 4px 4px 4px rgb(148, 20,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 61.5780, -6.2010, 75.7921 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 20, 49) }
```

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

```
.background{ background-color: rgb(148, 20,  
49) }
```

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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