

Converting Colors

YUV(60.6210, -4.7432, 74.8774)

Have a look what the booklet for
YUV(60.6210, -4.7432, 74.8774)
contains.

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Color

**YUV(60.6210, -4.7432,
74.8774)**

Conversions

Conversions Part 1

Format	Color
Hex	921333
RGB	146, 19, 51
RGB Percent	57%, 7%, 20%
CMY	0.4275, 0.9255, 0.8000
CMYK	0.00, 0.87, 0.65, 0.43
HSL	345°, 77%, 32%
HSV	345°, 87%, 57%
XYZ	12.6845, 6.8158, 3.7790
YIQ	60.6210, 65.4200, 36.8760

Conversions

Conversions Part 2

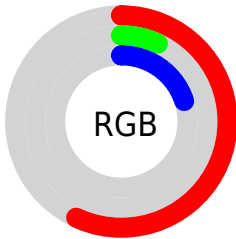
Format	Color
R_{YB}	146, 19, 51
Decimal	9573171
CIE Lab	31.38, 51.27, 16.46
CIE LCh	31, 53.850, 17.796
Yxy	6.8158, 0.5449, 0.2928
Android (android.graphics.Color)	4287763251 (0xFF921333)
YUV	60.6210, -4.7432, 74.8774
Hunter-Lab	26.1070, 41.0396, 9.6927

Details

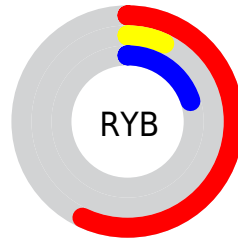
The YUV color **60.6210, -4.7432, 74.8774** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **104.3790, 4.7432, -74.8774**, and the grayscale version is **61.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.6120, -11.1477, 75.7623**, and **26.9960, -10.3510, 53.5005** is the 20% darker color. If you saturate the color by 10%, you get **50.5620, -5.2071, 83.6991**, and if you desaturate by 10%, it is **70.6800, -4.2792, 66.0556**.

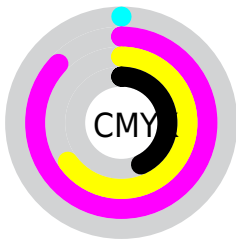
Distribution



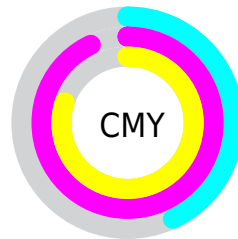
- Red (57%)
- Green (7%)
- Blue (20%)



- Red (57%)
- Yellow (7%)
- Blue (20%)



- Cyan (0%)
- Magenta (87%)
- Yellow (65%)
- Black (43%)



- Cyan (43%)
- Magenta (93%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 60.6210, -4.7432, 74.8774 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 60.6210, -4.7432, 74.8774 by changing the saturation by 10% instead.

60.6210, -4.7432,
74.8774

60.6210, -4.7432,
74.8774

255.0000, 0.0000,
0.0000

38.4030, -4.1427,
68.9296

119.6120,
-11.1477, 75.7623

26.9960, -10.3510,
53.5005

147.2810,
-12.4635, 77.8066

18.4670, -8.1182,
37.3014

171.6610,
-12.1579, 73.0883

8.1870, -3.5432,
16.4990

191.1750, -8.4673,
55.9745

0.0000, 0.0000,
0.0000

210.6890, -4.7767,
38.8607

230.9040, -0.9387,

21.1322

250.8910, 2.0257,
3.6036

60.6210, -4.7432,
74.8774

60.6210, -4.7432,
74.8774

50.5620, -5.2071,
83.6991

70.6800, -4.2792,
66.0556

47.8720, -5.3599,
86.0583

80.1520, -3.5259,
57.7487

90.2110, -3.0620,
48.9270

99.6830, -2.3087,
40.6200

109.7420, -1.8448,
31.7983

■ 119.8010, -1.3809,
22.9765

■ 129.1590, -1.0644,
14.7696

■ 139.2180, -0.6005,
5.9478

■ 148.6900, 0.1528,
-2.3591

Harmonies

Analogous

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



64.4900, 14.0554, 65.3453



60.6210, -4.7432, 74.8774



67.0940, -29.1333, 57.7996

Triad

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



60.6210, -4.7432, 74.8774



51.6390, -22.9930, -45.2874



67.2060, 44.2684, -58.9397

Complementary

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



60.6210, -4.7432, 74.8774



104.3790, 4.7432, -74.8774

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.



68.3340, 33.3593, -59.9289



60.6210, -4.7432, 74.8774



59.6870, -2.3107, -52.3455

Square

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



60.6210, -4.7432, 74.8774



66.7050, -32.8856, 1.1357



65.2900, 16.6190, -57.2593



59.3580, 47.1515, -50.3030

Rectangle

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



60.6210, -4.7432, 74.8774



69.6050, -34.3153, 39.8114



65.2900, 16.6190, -57.2593



68.3970, 41.2163, -59.9842

Sweetspot

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



60.6210, -4.7432, 74.8774



156.0190, -1.9814, 28.9243



61.2850, 41.7645, 44.4771



74.4690, -1.2172, 17.1287



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



60.6210, -4.7432, 74.8774



61.9830, -6.8936, 111.3939



74.5830, -27.4024, 62.6327



69.2070, -0.5951, 4.2035



45.2520, -5.0542, 81.3400



3.3320, -0.1637, 5.8478

Inverse Universe

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



60.6210, -4.7432, 74.8774



61.9830, -6.8936, 111.3939



90.4170, 27.4024, -62.6327



69.2070, -0.5951, 4.2035



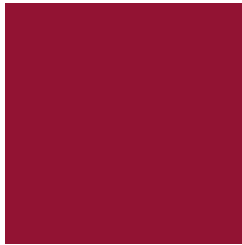
45.2520, -5.0542, 81.3400



3.3320, -0.1637, 5.8478

Previews

White Background



This preview shows how the YUV color 60.6210, -4.7432, 74.8774 looks on a white background.

Color Contrast Check

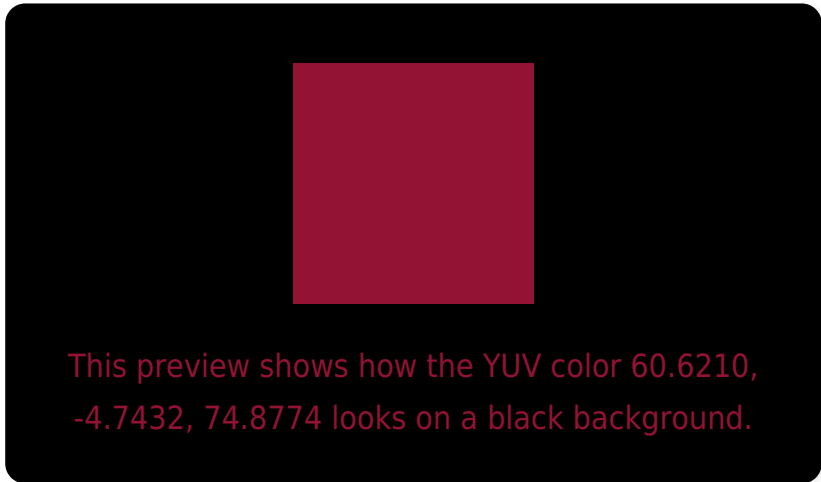
Large Text (above 18pt) WCAG AA ✓ Pass

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

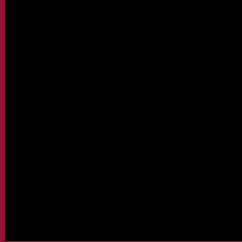
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 60.6210, -4.7432, 74.8774

Background



This preview shows how black text looks on a background with the YUV color 60.6210, -4.7432, 74.8774.



This preview shows how white text looks on a background with the YUV color 60.6210, -4.7432,

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

60.6210, -4.7432, 74.8774

Protanopia

76.2560, -1.6052, 1.5295

Deuteranopia

74.9020, -14.7417, 14.9949



Tritanopia

61.5810, -17.5414, 73.1585

Trichromacy



Original Color

60.6210, -4.7432, 74.8774

Protanomaly

70.4920, -2.7076, 28.5095

Deuteranomaly

69.9570, -11.3178, 36.8717

Tritanomaly

60.8460, -12.7421, 73.8031

Monochromacy



Original Color

60.6210, -4.7432, 74.8774

Achromatopsia

61.0000, 0.0000, 0.0000

Achromatomaly

61.0080, -1.9759, 27.1800

CSS Examples

Text

The CSS property to change the color of the text to YUV 60.6210, -4.7432, 74.8774 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(146, 19, 51)` looks like.

```
.text, #text, p{  
    color:rgb(146, 19, 51)  
}
```

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(146, 19, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 19, 51) }
```

Border

The CSS property to change the border of an element to YUV 60.6210, -4.7432, 74.8774 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(146, 19, 51) }
```


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

```
.border{ border-color:rgb(146, 19, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 19, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 19, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 19, 51);  
box-shadow:4px 4px 4px 4px rgb(146, 19,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 60.6210, -4.7432, 74.8774 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 19, 51) }
```

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

```
.background{ background-color: rgb(146, 19,  
51) }
```

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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