

Converting Colors

YUV(75.7060, -20.5611,
61.6478)

Have a look what the booklet for
YUV(75.7060, -20.5611, 61.6478)
contains.

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Color

**YUV(75.7060, -20.5611,
61.6478)**

Conversions

Conversions Part 1

Format	Color
Hex	923022
RGB	146, 48, 34
RGB Percent	57%, 19%, 13%
CMY	0.4275, 0.8118, 0.8667
CMYK	0.00, 0.67, 0.77, 0.43
HSL	8°, 62%, 35%
HSV	8°, 77%, 57%
XYZ	13.1997, 8.3404, 2.4275
YIQ	75.7060, 62.9020, 16.4220

Conversions

Conversions Part 2

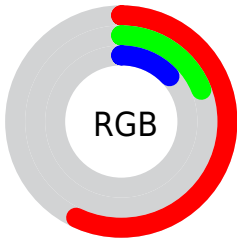
Format	Color
R_{YB}	146, 50, 34
Decimal	9580578
CIE _{Lab}	34.68, 40.47, 31.09
CIE _{LCh}	35, 51.036, 37.534
Yxy	8.3404, 0.5507, 0.3480
Android (android.graphics.Color)	4287770658 (0xFF923022)
YUV	75.7060, -20.5611, 61.6478
Hunter-Lab	28.8797, 31.0455, 15.2321

Details

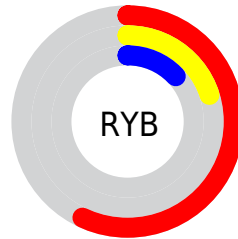
The YUV color **75.7060, -20.5611, 61.6478** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **104.2940, 20.5611, -61.6478**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.7130, -24.5085, 67.7807**, and **26.3120, -12.9718, 54.1004** is the 20% darker color. If you saturate the color by 10%, you get **66.3650, -23.3509, 69.8399**, and if you desaturate by 10%, it is **85.0470, -17.7712, 53.4558**.

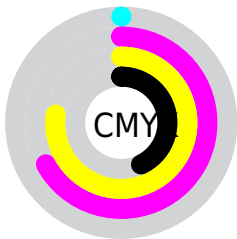
Distribution



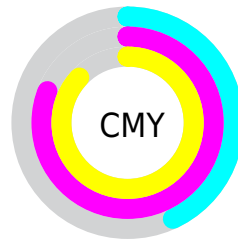
- Red (57%)
- Green (19%)
- Blue (13%)



- Red (57%)
- Yellow (20%)
- Blue (13%)



- Cyan (0%)
- Magenta (67%)
- Yellow (77%)
- Black (43%)





- Cyan (43%)
- Magenta (81%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 75.7060, -20.5611, 61.6478 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 75.7060, -20.5611, 61.6478 by changing the saturation by 10% instead.


 75.7060, -20.5611,
61.6478

 75.7060, -20.5611,
61.6478


255.0000, 0.0000,
0.0000


 48.2050, -17.3561,
60.3332


 128.7130,
-24.5085, 67.7807

 26.3120, -12.9718,
54.1004

 156.3820,
-25.8243, 69.8250

 17.9400, -8.8444,
36.8866

 180.1750,
-25.2293, 65.6215

 9.3830, -4.1328,
18.9581

 199.5750,
-21.9755, 48.6077

 0.0000, 0.0000,
0.0000

 219.0890,
-18.2849, 31.4939

 239.3040,

-14.4469, 13.7654

253.0620, -7.4256,
1.6996

75.7060, -20.5611,
61.6478

75.7060, -20.5611,
61.6478

66.3650, -23.3509,
69.8399

85.0470, -17.7712,
53.4558

57.1380, -25.7040,
77.9320

94.2740, -15.4181,
45.3637

54.2200, -26.7305,
80.4911

103.0280,
-12.3388, 37.6864

112.2550, -9.9857,
29.5944

121.5960, -7.1958,
21.4023

■ 130.9370, -4.4059,
13.2103

■ 139.5770, -1.7635,
5.6330

■ 148.9180, 1.0264,
-2.5591

■ 158.1450, 3.3795,
-10.6512

Harmonies

Analogous

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



73.7280, -0.3589, 68.6445



75.7060, -20.5611, 61.6478



76.6930, -37.8096, 40.6112

Triad

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



75.7060, -20.5611, 61.6478



62.9980, -7.3940, -55.2492



67.3030, 47.1786, -59.0247

Complementary

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



75.7060, -20.5611, 61.6478



104.2940, 20.5611, -61.6478

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.



73.0760, 41.3745, -64.0877



75.7060, -20.5611, 61.6478



69.0740, 10.8095, -60.5779

Square

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



75.7060, -20.5611, 61.6478



68.5730, -32.8205, -19.7965



72.9330, 28.1340, -63.9622



83.6060, 31.2532, 9.1155

Rectangle

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



75.7060, -20.5611, 61.6478



76.8710, -37.8974, 22.0381



72.9330, 28.1340, -63.9622



70.2380, 45.7317, -61.5987

Sweetspot

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



75.7060, -20.5611, 61.6478



161.6780, -8.2223, 23.9614



78.7740, 26.7334, 58.9572



77.5350, -4.7008, 14.4398



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.



75.7060, -20.5611, 61.6478



79.9400, -32.0154, 95.6456



107.9910, -36.4776, 33.3339



69.0930, -1.0318, 4.3034



51.2410, -25.2618, 76.0876



3.5770, -1.7635, 5.6330

Inverse Universe

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



104.2940, 20.5611, -61.6478



124.0600, 32.0154, -95.6456



72.0090, 36.4776, -33.3339



71.3200, 1.3212, -3.7886



86.1720, 25.5512, -75.5728



6.4230, 1.7635, -5.6330

Previews

White Background



This preview shows how the YUV color 75.7060, -20.5611, 61.6478 looks on a white background.

Color Contrast Check

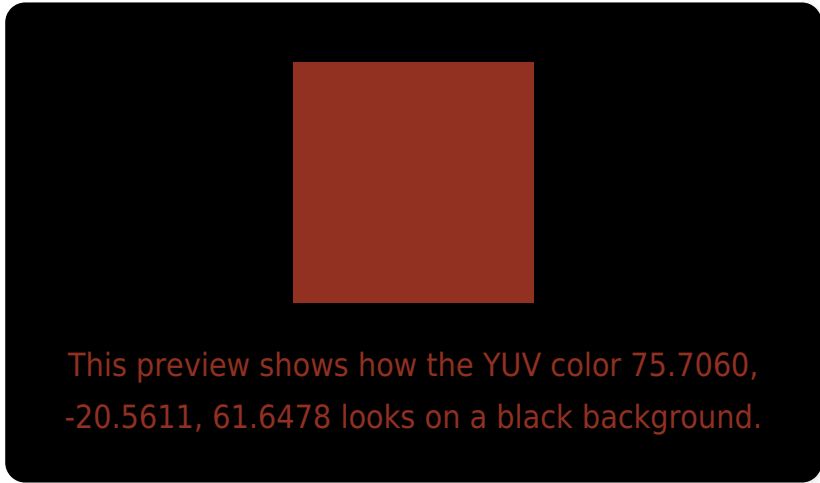
Large Text (above 18pt) WCAG AA ✓ Pass

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

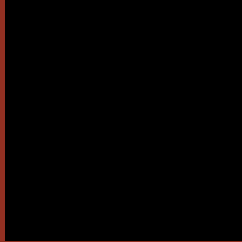
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 75.7060, -20.5611, 61.6478

Background



This preview shows how black text looks on a background with the YUV color 75.7060, -20.5611, 61.6478.



This preview shows how white text looks on a background with the YUV color 75.7060, -20.5611,

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

75.7060, -20.5611, 61.6478

Protanopia

80.9460, -18.2144, 8.8174

Deuteranopia

79.6610, -25.9619, 20.4683



Tritanopia

76.5410, -13.5777, 61.7925

Trichromacy



Original Color

75.7060, -20.5611, 61.6478

Protanomaly

78.8390, -19.1476, 28.2052

Deuteranomaly

78.3300, -23.8267, 35.6676

Tritanomaly

76.5580, -16.0511, 61.7776

Monochromacy



Original Color

75.7060, -20.5611, 61.6478

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.8950, -7.3432, 22.0171

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.7060, -20.5611, 61.6478 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, 48, 34)` looks like.

```
.text, #text, p{  
    color:rgb(146, 48, 34)  
}
```

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, 48, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 48, 34) }
```

Border

The CSS property to change the border of an element to YUV 75.7060, -20.5611, 61.6478 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, 48, 34) }
```


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

```
.border{ border-color:rgb(146, 48, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 48, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 48, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 48, 34);  
box-shadow:4px 4px 4px 4px rgb(146, 48,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 75.7060, -20.5611, 61.6478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 48, 34) }
```

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

```
.background{ background-color: rgb(146, 48,  
34) }
```

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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