

Converting Colors

YUV(69.0520, -11.8576,
70.1144)

Have a look what the booklet for
YUV(69.0520, -11.8576, 70.1144)
contains.

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Color

**YUV(69.0520, -11.8576,
70.1144)**

Conversions

Conversions Part 1

Format	Color
Hex	95212D
RGB	149, 33, 45
RGB Percent	58%, 13%, 18%
CMY	0.4157, 0.8706, 0.8235
CMYK	0.00, 0.78, 0.70, 0.42
HSL	354°, 64%, 36%
HSV	354°, 78%, 58%
XYZ	13.4119, 7.6667, 3.2556
YIQ	69.0520, 65.2840, 28.3240

Conversions

Conversions Part 2

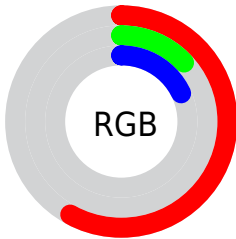
Format	Color
R_{YB}	149, 33, 45
Decimal	9773357
CIE Lab	33.28, 47.90, 22.89
CIE LCh	33, 53.087, 25.541
Yxy	7.6667, 0.5512, 0.3151
Android (android.graphics.Color)	4287963437 (0xFF95212D)
YUV	69.0520, -11.8576, 70.1144
Hunter-Lab	27.6889, 38.0063, 12.4111

Details

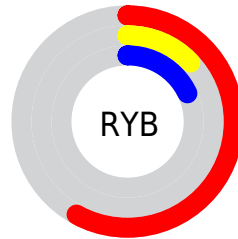
The YUV color **69.0520, -11.8576, 70.1144** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **112.9480, 11.8576, -70.1144**, and the grayscale version is **69.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.5210, -16.5259, 74.0881**, and **27.2090, -13.4140, 55.9447** is the 20% darker color. If you saturate the color by 10%, you get **58.7650, -13.1951, 79.1361**, and if you desaturate by 10%, it is **79.3390, -10.5201, 61.0927**.

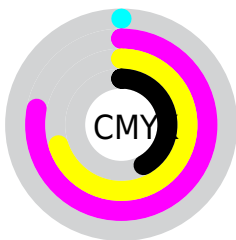
Distribution



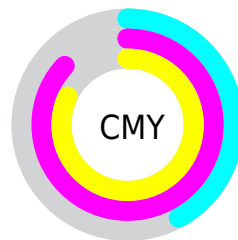
- Red (58%)
- Green (13%)
- Blue (18%)



- Red (58%)
- Yellow (13%)
- Blue (18%)



- Cyan (0%)
- Magenta (78%)
- Yellow (70%)
- Black (42%)



- Cyan (42%)
- Magenta (87%)
- Yellow (82%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.0520, -11.8576, 70.1144 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 69.0520, -11.8576, 70.1144 by changing the saturation by 10% instead.

■ 69.0520, -11.8576,
70.1144

■ 69.0520, -11.8576,
70.1144

255.0000, 0.0000,
0.0000

■ 38.6160, -7.2057,
71.3738

■ 124.5210,
-16.5259, 74.0881

■ 27.2090, -13.4140,
55.9447

■ 152.0760,
-18.2785, 76.2323

■ 18.9510, -8.8498,
38.6310

■ 175.6730,
-17.0938, 69.5698

■ 9.9810, -4.4276,
20.1877

■ 195.0730,
-13.8400, 52.5560

■ 0.0000, 0.0000,
0.0000

■ 214.5870,
-10.1494, 35.4422

■ 234.8020, -6.3114,

17.7136

254.5440, -1.7472,
0.3999

■ 69.0520, -11.8576,
70.1144

■ 69.0520, -11.8576,
70.1144

■ 58.7650, -13.1951,
79.1361

■ 79.3390, -10.5201,
61.0927

■ 48.3640, -14.9695,
88.2578

■ 89.7400, -8.7458,
51.9710

■ 46.2610, -15.4117,
90.1021

■ 100.0270, -7.4083,
42.9493

■ 110.3140, -6.0708,
33.9276

■ 120.7150, -4.2965,
24.8059

■ 130.4150, -2.6696,
16.2990

■ 140.8160, -0.8953,
7.1774

■ 151.1030, 0.4422,
-1.8443

■ 161.3900, 1.7797,
-10.8660

Harmonies

Analogous

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



69.3180, 8.2242, 69.0041



69.0520, -11.8576, 70.1144



72.1550, -35.0794, 51.6071

Triad

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



69.0520, -11.8576, 70.1144



57.5550, -15.5566, -50.4757



69.0640, 46.3104, -60.5691

Complementary

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



69.0520, -11.8576, 70.1144



112.9480, 11.8576, -70.1144

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.



71.9360, 37.0066, -63.0879



69.0520, -11.8576, 70.1144



64.3320, 2.7943, -56.4192

Square

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



69.0520, -11.8576, 70.1144



68.7210, -33.8795, -6.7713



69.3480, 22.0134, -60.8182



76.4010, 38.7493, -15.2607

Rectangle

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



69.0520, -11.8576, 70.1144



73.9910, -36.4776, 33.3339



69.3480, 22.0134, -60.8182



70.4830, 44.1319, -61.8136

Sweetspot

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



69.0520, -11.8576, 70.1144



163.0250, -4.4493, 27.1651



76.7220, 35.6331, 51.1098



78.4150, -2.6696, 16.2990



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.



69.0520, -11.8576, 70.1144



69.8720, -18.6709, 108.8603



93.5120, -29.8324, 48.6630



69.0930, -1.0318, 4.3034



42.8580, -14.2270, 83.4395



3.1040, -1.0373, 6.0478

Inverse Universe

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



69.0520, -11.8576, 70.1144



69.8720, -18.6709, 108.8603



88.4880, 29.8324, -48.6630



69.0930, -1.0318, 4.3034



42.8580, -14.2270, 83.4395



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 69.0520, -11.8576, 70.1144 looks on a white background.

Color Contrast Check

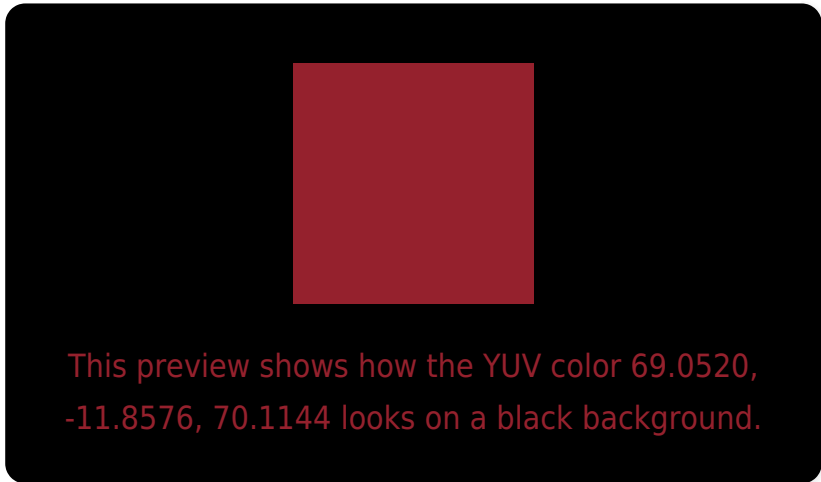
Large Text (above 18pt) WCAG AA ✓ Pass

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

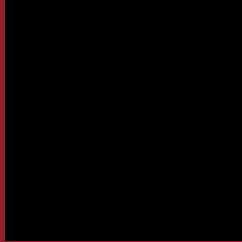
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 69.0520, -11.8576, 70.1144

Background



This preview shows how black text looks on a background with the YUV color 69.0520, -11.8576, 70.1144.



This preview shows how white text looks on a background with the YUV color 69.0520, -11.8576,

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

69.0520, -11.8576, 70.1144

Protanopia

79.4430, -8.5994, 4.8735

Deuteranopia

78.2460, -19.8413, 17.3243



Tritanopia

69.2000, -16.3676, 69.9846

Trichromacy



Original Color

69.0520, -11.8576, 70.1144

Protanomaly

75.6570, -9.6909, 28.3648

Deuteranomaly

74.8770, -16.7014, 36.9419

Tritanomaly

68.9550, -14.7678, 70.1995

Monochromacy



Original Color

69.0520, -11.8576, 70.1144

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.0140, -4.4439, 25.4207

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.0520, -11.8576, 70.1144 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(149, 33, 45)` looks like.

```
.text, #text, p{  
    color:rgb(149, 33, 45)  
}
```

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(149, 33, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 33, 45) }
```

Border

The CSS property to change the border of an element to YUV 69.0520, -11.8576, 70.1144 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(149, 33, 45) }
```


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

```
.border{ border-color:rgb(149, 33, 45) }
```

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

Here you see how a box with a 4 pixel rgb(149, 33, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 33, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 33, 45);  
box-shadow:4px 4px 4px 4px rgb(149, 33,  
45) }
```

Background

The CSS property to change the background color of an element to YUV 69.0520, -11.8576, 70.1144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 33, 45) }
```

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

```
.background{ background-color: rgb(149, 33,  
45) }
```

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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