

Converting Colors

YUV(89.1020, -38.0113,
58.6695)

Have a look what the booklet for
YUV(89.1020, -38.0113, 58.6695)
contains.

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Color

**YUV(89.1020, -38.0113,
58.6695)**

Conversions

Conversions Part 1

Format	Color
Hex	9C460C
RGB	156, 70, 12
RGB Percent	61%, 27%, 5%
CMY	0.3882, 0.7255, 0.9529
CMYK	0.00, 0.55, 0.92, 0.39
HSL	24°, 86%, 33%
HSV	24°, 92%, 61%
XYZ	15.9668, 11.4748, 1.7211
YIQ	89.1020, 69.8740, 0.1940

Conversions

Conversions Part 2

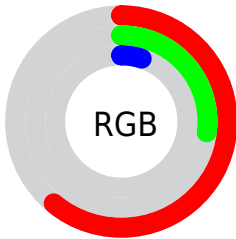
Format	Color
R_{YB}	156, 109, 12
Decimal	10241548
CIE Lab	40.37, 32.92, 46.99
CIE LCh	40, 57.376, 54.991
Yxy	11.4748, 0.5475, 0.3935
Android (android.graphics.Color)	4288431628 (0xFF9C460C)
YUV	89.1020, -38.0113, 58.6695
Hunter-Lab	33.8744, 24.8562, 20.6996

Details

The YUV color **89.1020, -38.0113, 58.6695** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **78.8980, 38.0113, -58.6695**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.2060, -39.0486, 64.7173**, and **41.3300, -20.3757, 48.8226** is the 20% darker color. If you saturate the color by 10%, you get **83.6250, -41.2271, 63.4729**, and if you desaturate by 10%, it is **96.2090, -33.6270, 52.4367**.

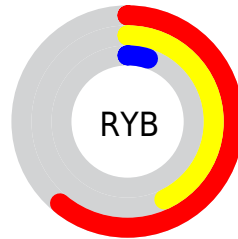
Distribution



Red (61%)

Green (27%)

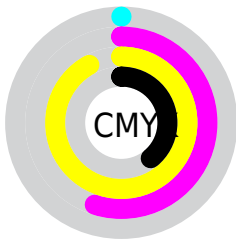
Blue (5%)



Red (61%)

Yellow (43%)

Blue (5%)

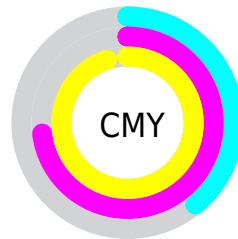


Cyan (0%)

Magenta (55%)

Yellow (92%)

Black (39%)



Cyan (39%)


Magenta (73%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.1020, -38.0113, 58.6695 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 89.1020, -38.0113, 58.6695 by changing the saturation by 10% instead.


 89.1020, -38.0113,
58.6695

 89.1020, -38.0113,
58.6695


 254.4300, -2.1840,
0.4999


 64.9750, -32.0327,
54.3959


 142.2060,
-39.0486, 64.7173


 41.3300, -20.3757,
48.8226

 170.0600,
-40.9486, 67.4764


 20.6310, -10.1711,
42.4196

 191.2650,
-38.5846, 55.8956

 13.5690, -6.1965,
27.5650


 210.0780,
-35.0415, 39.3966


 0.0000, 0.0000,
0.0000


 230.1790,
-31.6402, 21.7680


 247.9320,


-27.0815, 6.1986

 251.2380,
-14.4143, 3.2993

 89.1020, -38.0113,
58.6695


 89.1020, -38.0113,
58.6695


 83.6250, -41.2271,
63.4729

 96.2090, -33.6270,
52.4367

 103.7890,
-29.9690, 45.7890

 110.8960,
-25.5847, 39.5562

 117.8890,
-21.6373, 33.4233

 125.5830,
-17.5424, 26.6757

■ 132.6900,
-13.1582, 20.4429

■ 139.6830, -9.2107,
14.3100

■ 147.3770, -5.1159,
7.5624

■ 154.3700, -1.1684,
1.4295

Harmonies

Analogous

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



86.6400, -13.6265, 77.4917



89.1020, -38.0113, 58.6695



89.3080, -44.0288, 28.6709

Triad

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



89.1020, -38.0113, 58.6695



77.3090, 4.2847, -67.8000



93.2420, 43.2647, -16.8752

Complementary

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



89.1020, -38.0113, 58.6695



78.8980, 38.0113, -58.6695

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.



82.0070, 52.7475, -71.9201



89.1020, -38.0113, 58.6695



83.3680, 24.9616, -73.1137

Square

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



89.1020, -38.0113, 58.6695



69.8480, -16.6871, -61.2567



85.9390, 42.4281, -75.3685



96.2510, 26.4983, 40.9989

Rectangle

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



89.1020, -38.0113, 58.6695



86.8060, -42.7954, 6.3091



85.9390, 42.4281, -75.3685



80.3940, 52.5568, -57.3505

Sweetspot

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



89.1020, -38.0113, 58.6695



177.5440, -15.0582, 23.2019



64.8600, 16.3380, 79.9298



85.6830, -9.2107, 14.3100



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



89.1020, -38.0113, 58.6695



109.1300, -53.8011, 83.2010



131.3660, -58.8474, 21.6040



75.1530, -2.0474, 3.3738



76.8030, -37.8639, 58.0548



8.0070, -3.9475, 6.1329

Inverse Universe

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



78.8980, 38.0113, -58.6695



94.8700, 53.8011, -83.2010



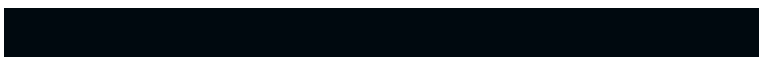
36.6340, 58.8474, -21.6040



74.8470, 2.0474, -3.3738



66.1970, 37.8639, -58.0548



6.9930, 3.9475, -6.1329

Previews

White Background



This preview shows how the YUV color 89.1020, -38.0113, 58.6695 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 × Fail

Black Background



This preview shows how the YUV color 89.1020, -38.0113, 58.6695 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 89.1020, -38.0113, 58.6695

Background



This preview shows how black text looks on a background with the YUV color 89.1020, -38.0113, 58.6695.



This preview shows how white text looks on a background with the YUV color 89.1020, -38.0113,

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

89.1020, -38.0113, 58.6695

Protanopia

90.8100, -35.4023, 15.0756

Deuteranopia

89.5960, -44.1708, 27.5413



Tritanopia

93.2630, -11.9617, 56.7743

Trichromacy



Original Color

89.1020, -38.0113, 58.6695

Protanomaly

90.2680, -36.6141, 30.4600

Deuteranomaly

89.2430, -42.0248, 39.2519

Tritanomaly

91.7440, -21.5658, 57.2295

Monochromacy



Original Color

89.1020, -38.0113, 58.6695

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

88.8750, -13.7424, 21.1576

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.1020, -38.0113, 58.6695 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(156, 70, 12)` looks like.

```
.text, #text, p{  
    color:rgb(156, 70, 12)  
}
```

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(156, 70, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 70, 12) }
```

Border

The CSS property to change the border of an element to YUV 89.1020, -38.0113, 58.6695 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(156, 70, 12) }
```


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

```
.border{ border-color:rgb(156, 70, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 70, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 70, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 70, 12);  
box-shadow:4px 4px 4px 4px rgb(156, 70,  
12) }
```

Background

The CSS property to change the background color of an element to YUV 89.1020, -38.0113, 58.6695 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 70, 12) }
```

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

```
.background{ background-color: rgb(156, 70,  
12) }
```

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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