

Converting Colors

YUV(58.7220, -14.6529,
80.0508)

Have a look what the booklet for
YUV(58.7220, -14.6529, 80.0508)
contains.

YUV(58.7220, -14.6529, 80.0508)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(58.7220, -14.6529,
80.0508)**

Conversions

Conversions Part 1

Format	Color
Hex	96121D
RGB	150, 18, 29
RGB Percent	59%, 7%, 11%
CMY	0.4118, 0.9294, 0.8863
CMYK	0.00, 0.88, 0.81, 0.41
HSL	355°, 79%, 33%
HSV	355°, 88%, 59%
XYZ	13.0158, 7.0054, 1.8286
YIQ	58.7220, 75.1410, 31.4050

Conversions

Conversions Part 2

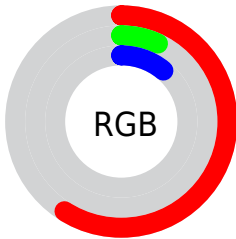
Format	Color
RYB	150, 18, 29
Decimal	9835037
CIELab	31.82, 51.60, 31.23
CIElCh	32, 60.317, 31.182
Yxy	7.0054, 0.5957, 0.3206
Android (android.graphics.Color)	4288025117 (0xFF96121D)
YUV	58.7220, -14.6529, 80.0508
Hunter-Lab	26.4676, 41.4611, 14.4312

Details

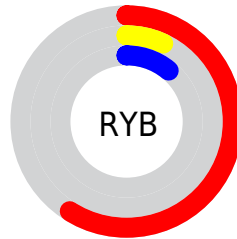
The YUV color **58.7220, -14.6529, 80.0508** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **109.2780, 14.6529, -80.0508**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.7840, -22.0785, 81.7504**, and **26.9100, -13.2666, 55.3299** is the 20% darker color. If you saturate the color by 10%, you get **48.3210, -16.4273, 89.1725**, and if you desaturate by 10%, it is **69.1230, -12.8786, 70.9291**.

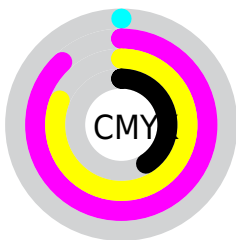
Distribution



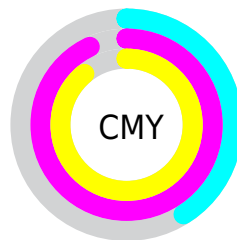
- Red (59%)
- Green (7%)
- Blue (11%)



- Red (59%)
- Yellow (7%)
- Blue (11%)



- Cyan (0%)
- Magenta (88%)
- Yellow (81%)
- Black (41%)



- Cyan (41%)
- Magenta (93%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.7220, -14.6529, 80.0508 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 58.7220, -14.6529, 80.0508 by changing the saturation by 10% instead.

■ 58.7220, -14.6529,
80.0508

■ 58.7220, -14.6529,
80.0508

255.0000, 0.0000,
0.0000

■ 36.5640, -15.0681,
73.1734

■ 117.7840,
-22.0785, 81.7504

■ 26.9100, -13.2666,
55.3299

■ 145.6380,
-23.9785, 84.5095

■ 19.0650, -8.4130,
38.5310

■ 168.8110,
-23.0778, 75.5878

■ 9.0840, -3.9854,
18.3433

■ 187.6240,
-19.5346, 59.0888

■ 0.0000, 0.0000,
0.0000

■ 207.7250,
-16.1334, 41.4602

■ 227.2390,

-12.4428, 24.3464

■ 248.0410, -8.8942,
6.1030

■ 58.7220, -14.6529,
80.0508

■ 58.7220, -14.6529,
80.0508

■ 48.3210, -16.4273,
89.1725

■ 69.1230, -12.8786,
70.9291

■ 46.2180, -16.8695,
91.0168

■ 79.4100, -11.5411,
61.9074

■ 89.8110, -9.7668,
52.7858

■ 100.2120, -7.9925,
43.6641

■ 110.6130, -6.2182,
34.5424

■ 120.9000, -4.8807,
25.5207

■ 131.3010, -3.1064,
16.3990

■ 141.7020, -1.3321,
7.2773

■ 152.1030, 0.4422,
-1.8443

Harmonies

Analogous

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



54.5960, 10.0592, 87.1773



58.7220, -14.6529, 80.0508



69.0840, -34.0584, 50.7923

Triad

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



58.7220, -14.6529, 80.0508



56.1530, -15.8514, -49.2462



67.0410, 51.2518, -58.7950

Complementary

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



58.7220, -14.6529, 80.0508



109.2780, 14.6529, -80.0508

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.



71.5430, 43.1163, -62.7432



58.7220, -14.6529, 80.0508



63.8420, 5.9939, -55.9894

Square

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



58.7220, -14.6529, 80.0508



63.0400, -31.0787, -18.4521



69.2000, 26.5234, -60.6884



74.0370, 40.9008, -5.2944

Rectangle

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



58.7220, -14.6529, 80.0508



71.0120, -35.0089, 28.9305



69.2000, 26.5234, -60.6884



69.2750, 49.6574, -60.7542

Sweetspot

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



58.7220, -14.6529, 80.0508



158.8190, -5.3338, 30.8537



69.2270, 39.8211, 61.1909



76.1980, -3.5486, 18.2434



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.



58.7220, -14.6529, 80.0508



59.8300, -21.6082, 117.6671



89.7530, -35.3742, 52.8366



69.0930, -1.0318, 4.3034



42.5160, -15.5374, 83.7395



3.1040, -1.0373, 6.0478

Inverse Universe

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



58.7220, -14.6529, 80.0508



59.8300, -21.6082, 117.6671



78.2470, 35.3742, -52.8366



69.0930, -1.0318, 4.3034



42.5160, -15.5374, 83.7395



3.1040, -1.0373, 6.0478

Previews

White Background



This preview shows how the YUV color 58.7220, -14.6529, 80.0508 looks on a white background.

Color Contrast Check

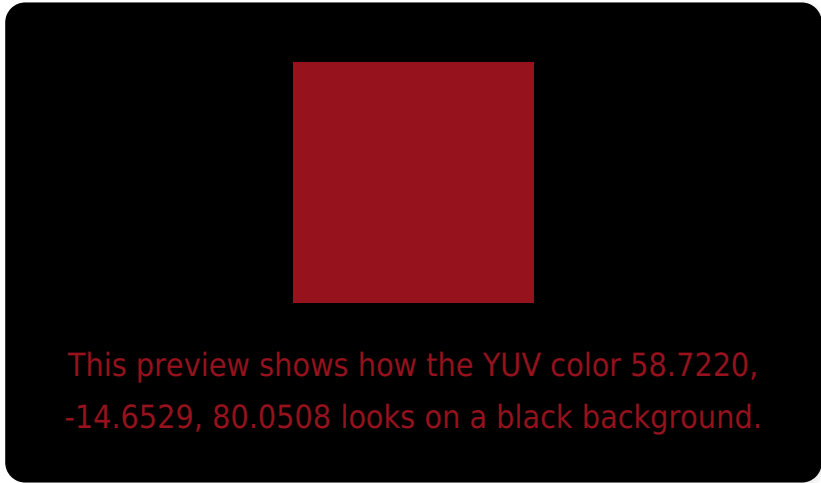
Large Text (above 18pt) WCAG AA ✓ Pass

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 58.7220, -14.6529, 80.0508

Background



This preview shows how black text looks on a background with the YUV color 58.7220, -14.6529, 80.0508.



This preview shows how white text looks on a background with the YUV color 58.7220, -14.6529,

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

58.7220, -14.6529, 80.0508

Protanopia

75.3310, -15.4462, 7.6027

Deuteranopia

73.7920, -27.9985, 20.3534



Tritanopia

58.6420, -20.0365, 80.1210

Trichromacy



Original Color

58.7220, -14.6529, 80.0508

Protanomaly

69.6100, -15.0907, 33.6680

Deuteranomaly

68.1890, -23.2642, 41.9302

Tritanomaly

58.5110, -17.9999, 80.2359

Monochromacy



Original Color

58.7220, -14.6529, 80.0508

Achromatopsia

59.0000, 0.0000, 0.0000

Achromatomaly

58.8080, -5.3283, 29.1094

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.7220, -14.6529, 80.0508 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(150, 18, 29)` looks like.

```
.text, #text, p{  
    color:rgb(150, 18, 29)  
}
```

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(150, 18, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 18, 29) }
```

Border

The CSS property to change the border of an element to YUV 58.7220, -14.6529, 80.0508 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(150, 18, 29) }
```


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

```
.border{ border-color:rgb(150, 18, 29) }
```

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

Here you see how a box with a 4 pixel rgb(150, 18, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 18, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 18, 29);  
box-shadow:4px 4px 4px 4px rgb(150, 18,  
29) }
```

Background

The CSS property to change the background color of an element to YUV 58.7220, -14.6529, 80.0508 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 18, 29) }
```

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

```
.background{ background-color: rgb(150, 18,  
29) }
```

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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