

Converting Colors

YUV(55.2080, -21.7945,
84.0096)

Have a look what the booklet for
YUV(55.2080, -21.7945, 84.0096)
contains.

YUV(55.2080, -21.7945, 84.0096)	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(55.2080, -21.7945,
84.0096)**

Conversions

Conversions Part 1

Format	Color
Hex	970F0B
RGB	151, 15, 11
RGB Percent	59%, 6%, 4%
CMY	0.4078, 0.9412, 0.9569
CMYK	0.00, 0.90, 0.93, 0.41
HSL	2°, 86%, 32%
HSV	2°, 93%, 59%
XYZ	12.9937, 6.9451, 0.9723
YIQ	55.2080, 82.3400, 27.5880

Conversions

Conversions Part 2

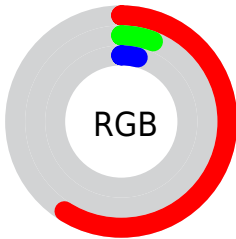
Format	Color
R_{YB}	151, 15, 11
Decimal	9899787
CIE Lab	31.68, 52.05, 40.72
CIE LCh	32, 66.083, 38.035
Yxy	6.9451, 0.6214, 0.3321
Android (android.graphics.Color)	4288089867 (0xFF970F0B)
YUV	55.2080, -21.7945, 84.0096
Hunter-Lab	26.3536, 41.8912, 16.2600

Details

The YUV color **55.2080, -21.7945, 84.0096** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **106.7920, 21.7945, -84.0096**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **115.8570, -29.5095, 85.1944**, and **26.9100, -13.2666, 55.3299** is the 20% darker color. If you saturate the color by 10%, you get **47.4970, -23.4160, 90.7721**, and if you desaturate by 10%, it is **65.7230, -19.5834, 74.7879**.

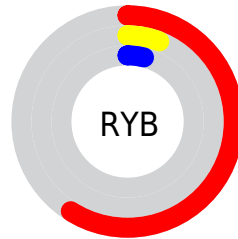
Distribution



Red (59%)

Green (6%)

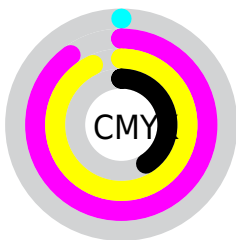
Blue (4%)



Red (59%)

Yellow (6%)

Blue (4%)

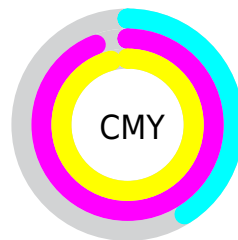


Cyan (0%)

Magenta (90%)

Yellow (93%)

Black (41%)



Cyan (41%)

Magenta (94%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the YUV color 55.2080, -21.7945, 84.0096 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 55.2080, -21.7945, 84.0096 by changing the saturation by 10% instead.

■ 55.2080, -21.7945,
84.0096

■ 55.2080, -21.7945,
84.0096

■ 253.1760, -6.9888,
1.5996

■ 36.1790, -17.8362,
74.3880

■ 115.8570,
-29.5095, 85.1944

■ 26.9100, -13.2666,
55.3299

■ 144.0100,
-31.5569, 88.5682

■ 19.0650, -8.4130,
38.5310

■ 165.5850,
-30.3614, 78.4170

■ 9.0840, -3.9854,
18.3433


■ 184.9850,
-27.1076, 61.4032


■ 0.0000, 0.0000,
0.0000


■ 204.3850,
-23.8538, 44.3894


■ 224.4860,


-20.4526, 26.7608


 244.7010,
-16.6146, 9.0322


 55.2080, -21.7945,
84.0096


 55.2080, -21.7945,
84.0096

 47.4970, -23.4160,
90.7721

 65.7230, -19.5834,
74.7879

 75.6510, -17.0829,
66.0811

 86.1660, -14.8718,
56.8594

 96.6810, -12.6607,
47.6378

 106.6090,
-10.1602, 38.9309

■ 117.2380, -7.5123,
29.6093

■ 127.7530, -5.3012,
20.3876

■ 137.6810, -2.8007,
11.6808

■ 148.1960, -0.5896,
2.4591

Harmonies

Analogous

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



55.3210, 3.7857, 92.6805



55.2080, -21.7945, 84.0096



69.9370, -34.4789, 45.6593

Triad

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



55.2080, -21.7945, 84.0096



58.2390, -12.9358, -51.0756



66.1920, 55.6143, -58.0504

Complementary

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



55.2080, -21.7945, 84.0096



106.7920, 21.7945, -84.0096

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.



72.4380, 49.0841, -63.5281



55.2080, -21.7945, 84.0096



65.7970, 10.9461, -57.7040

Square

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



55.2080, -21.7945, 84.0096



54.3470, -26.7931, -39.7693



71.4970, 32.7860, -62.7029



74.8480, 40.9939, 11.5343

Rectangle

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



55.2080, -21.7945, 84.0096



70.6690, -34.8398, 21.3383



71.4970, 32.7860, -62.7029



69.2410, 54.6042, -60.7244

Sweetspot

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



55.2080, -21.7945, 84.0096



158.6190, -8.6862, 32.7831



68.5920, 39.6411, 72.2718



76.4540, -5.1538, 19.7728



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000

Same Dimension

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



55.2080, -21.7945, 84.0096



62.1260, -30.6281, 117.4075



95.1240, -41.4731, 49.0033



71.3920, -1.1793, 4.9182



44.2080, -21.7945, 84.0096



3.8870, -1.9163, 7.9921

Inverse Universe

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



106.7920, 21.7945, -84.0096



134.4610, 30.3387, -117.9223



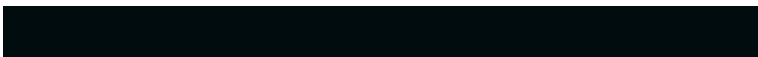
66.8760, 41.4731, -49.0033



74.0210, 1.4686, -4.4034



95.7920, 21.7945, -84.0096



8.5260, 2.2057, -7.4773

Previews

White Background



This preview shows how the YUV color 55.2080, -21.7945, 84.0096 looks on a white background.

Color Contrast Check

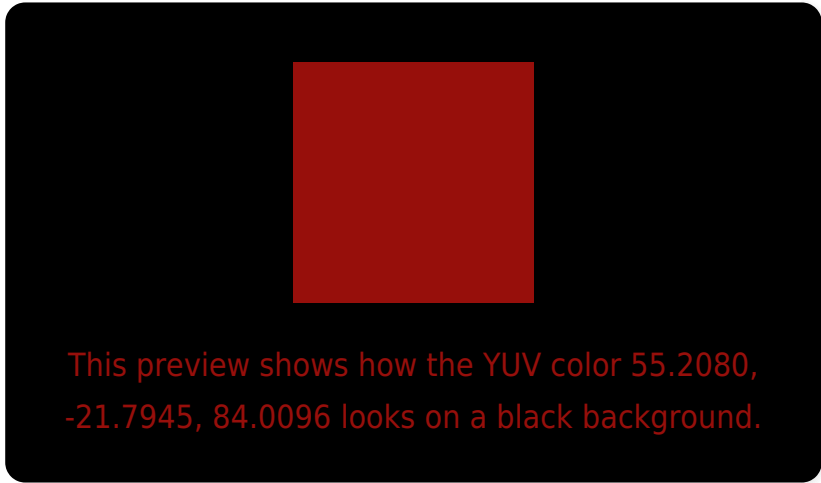
Large Text (above 18pt) WCAG AA ✓ Pass

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 55.2080, -21.7945, 84.0096

Background



This preview shows how black text looks on a background with the YUV color 55.2080, -21.7945, 84.0096.



This preview shows how white text looks on a background with the YUV color 55.2080, -21.7945,

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

55.2080, -21.7945, 84.0096

Protanopia

73.6490, -24.4770, 10.8318

Deuteranopia

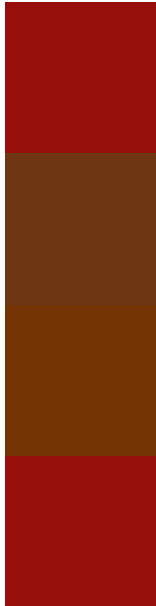
71.8540, -35.4240, 22.0530



Tritanopia

54.9800, -22.6681, 84.2095

Trichromacy



Original Color

55.2080, -21.7945, 84.0096

Protanomaly

66.7540, -23.5427, 37.9267

Deuteranomaly

65.9630, -30.5478, 44.7594

Tritanomaly

55.0940, -22.2313, 84.1096

Monochromacy



Original Color

55.2080, -21.7945, 84.0096

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.8360, -7.8071, 30.8388

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.2080, -21.7945, 84.0096 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(151, 15, 11)` looks like.

```
.text, #text, p{  
    color:rgb(151, 15, 11)  
}
```

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(151, 15, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 15, 11) }
```

Border

The CSS property to change the border of an element to YUV 55.2080, -21.7945, 84.0096 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(151, 15, 11) }
```


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

```
.border{ border-color:rgb(151, 15, 11) }
```

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

Here you see how a box with a 4 pixel rgb(151, 15, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 15, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 15, 11);  
box-shadow:4px 4px 4px 4px rgb(151, 15,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 55.2080, -21.7945, 84.0096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 15, 11) }
```

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

```
.background{ background-color: rgb(151, 15,  
11) }
```

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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