

Converting Colors

YUV(55.1750, -21.7783,
78.7765)

Have a look what the booklet for
YUV(55.1750, -21.7783, 78.7765)
contains.

YUV(55.1750, -21.7783, 78.7765)	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(55.1750, -21.7783,
78.7765)**

Conversions

Conversions Part 1

Format	Color
Hex	91120B
RGB	145, 18, 11
RGB Percent	57%, 7%, 4%
CMY	0.4314, 0.9294, 0.9569
CMYK	0.00, 0.88, 0.92, 0.43
HSL	3°, 86%, 31%
HSV	3°, 92%, 57%
XYZ	11.9538, 6.4765, 0.9367
YIQ	55.1750, 77.9390, 24.7470

Conversions

Conversions Part 2

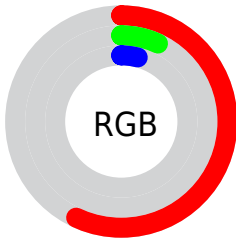
Format	Color
R_{YB}	145, 18, 11
Decimal	9507339
CIE Lab	30.58, 49.72, 39.33
CIE LCh	31, 63.394, 38.350
Yxy	6.4765, 0.6172, 0.3344
Android (android.graphics.Color)	4287697419 (0xFF91120B)
YUV	55.1750, -21.7783, 78.7765
Hunter-Lab	25.4490, 39.3083, 15.6321

Details

The YUV color **55.1750, -21.7783, 78.7765** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **100.8250, 21.7783, -78.7765**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.0630, -28.6251, 81.5057**, and **25.4150, -12.5296, 52.2560** is the 20% darker color. If you saturate the color by 10%, you get **48.0510, -23.6891, 85.0243**, and if you desaturate by 10%, it is **64.9890, -19.7146, 70.1696**.

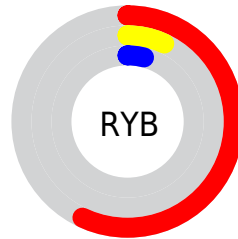
Distribution



Red (57%)

Green (7%)

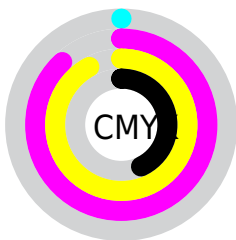
Blue (4%)



Red (57%)

Yellow (7%)

Blue (4%)

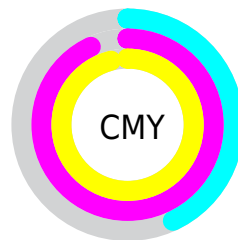


Cyan (0%)

Magenta (88%)

Yellow (92%)

Black (43%)



Cyan (43%)


Magenta (93%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the YUV color 55.1750, -21.7783, 78.7765 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 55.1750, -21.7783, 78.7765 by changing the saturation by 10% instead.


 55.1750, -21.7783,
78.7765


 55.1750, -21.7783,
78.7765

 253.1760, -6.9888,
1.5996


 34.3850, -16.9518,
70.6994


 114.0630,
-28.6251, 81.5057

 25.4150, -12.5296,
52.2560


 141.8030,
-30.9619, 84.3648

 17.5700, -7.6760,
35.4571

 165.5850,
-30.3614, 78.4170

 5.9800, -2.9481,
12.2955

 184.2840,
-27.2550, 62.0179

 0.0000, 0.0000,
0.0000

 203.7980,
-23.5644, 44.9042

 223.8990,

-20.1632, 27.2756

■ 244.1140,
-16.3252, 9.5470

■ 55.1750, -21.7783,
78.7765

■ 55.1750, -21.7783,
78.7765

■ 48.0510, -23.6891,
85.0243

■ 64.9890, -19.7146,
70.1696

■ 74.3300, -16.9247,
61.9776

■ 84.1440, -14.8610,
53.3707

■ 94.0720, -12.3605,
44.6639

■ 103.8860,
-10.2968, 36.0570

■ 113.2270, -7.5069,
27.8649

■ 123.0410, -5.4432,
19.2580

■ 132.9690, -2.9427,
10.5512

■ 142.7830, -0.8790,
1.9443

Harmonies

Analogous

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



53.2990, 3.7966, 89.1918



55.1750, -21.7783, 78.7765



67.2680, -33.1631, 43.6150

Triad

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



55.1750, -21.7783, 78.7765



56.4780, -12.0677, -49.5312



63.6330, 53.4249, -55.8061

Complementary

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



55.1750, -21.7783, 78.7765



100.8250, 21.7783, -78.7765

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.



69.8790, 46.8947, -61.2839



55.1750, -21.7783, 78.7765



63.6940, 10.5039, -55.8596

Square

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



55.1750, -21.7783, 78.7765



52.8850, -26.0723, -37.6101



68.5790, 31.7596, -60.1438



72.2780, 38.8099, 12.0342

Rectangle

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



55.1750, -21.7783, 78.7765



67.7120, -33.3820, 20.4236



68.5790, 31.7596, -60.1438



66.6820, 52.4148, -58.4801

Sweetspot

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



55.1750, -21.7783, 78.7765



153.6080, -8.6807, 31.0388



65.5440, 35.7208, 69.6829



72.7420, -5.2958, 18.6433



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.



55.1750, -21.7783, 78.7765



62.3810, -30.7538, 111.0449



94.5040, -41.1675, 44.2850



66.6800, -1.3212, 3.7886



44.4740, -21.9257, 79.3913



2.3920, -1.1793, 4.9182

Inverse Universe

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



100.8250, 21.7783, -78.7765



126.6190, 30.7538, -111.0449



61.4960, 41.1675, -44.2850



68.9070, 1.0318, -4.3034



90.5260, 21.9257, -79.3913



5.0210, 1.4686, -4.4034

Previews

White Background



This preview shows how the YUV color 55.1750, -21.7783, 78.7765 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 55.1750, -21.7783, 78.7765

Background



This preview shows how black text looks on a background with the YUV color 55.1750, -21.7783, 78.7765.



This preview shows how white text looks on a background with the YUV color 55.1750, -21.7783,

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

55.1750, -21.7783, 78.7765

Protanopia

70.8770, -23.6034, 10.6319

Deuteranopia

69.7830, -34.4030, 21.2383



Tritanopia

55.5170, -20.4679, 78.4766

Trichromacy



Original Color

55.1750, -21.7783, 78.7765

Protanomaly

65.5580, -22.9531, 35.4676

Deuteranomaly

64.7670, -29.9581, 42.3003

Tritanomaly

55.4030, -20.9047, 78.5766

Monochromacy



Original Color

55.1750, -21.7783, 78.7765

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

55.4120, -8.0911, 28.5797

CSS Examples

Text

The CSS property to change the color of the text to YUV 55.1750, -21.7783, 78.7765 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(145, 18, 11)` looks like.

```
.text, #text, p{  
    color:rgb(145, 18, 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(145, 18, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 18, 11) }
```

Border

The CSS property to change the border of an element to YUV 55.1750, -21.7783, 78.7765 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(145, 18, 11) }
```


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

```
.border{ border-color:rgb(145, 18, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 18, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 18, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 18, 11);  
box-shadow:4px 4px 4px 4px rgb(145, 18,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 55.1750, -21.7783, 78.7765 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 18, 11) }
```

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

```
.background{ background-color: rgb(145, 18,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor