

Converting Colors

YUV(65.1810, -20.7952,
90.1723)

Have a look what the booklet for
YUV(65.1810, -20.7952, 90.1723)
contains.

YUV(65.1810, -20.7952, 90.1723)	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(65.1810, -20.7952,
90.1723)**

Conversions

Conversions Part 1

Format	Color
Hex	A81517
RGB	168, 21, 23
RGB Percent	66%, 8%, 9%
CMY	0.3412, 0.9176, 0.9098
CMYK	0.00, 0.87, 0.86, 0.34
HSL	359°, 78%, 37%
HSV	359°, 87%, 66%
XYZ	16.5713, 8.9230, 1.6595
YIQ	65.1810, 86.9700, 31.7860

Conversions

Conversions Part 2

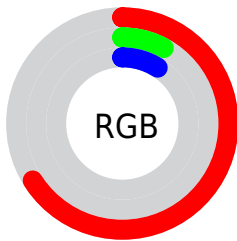
Format	Color
RYB	168, 21, 23
Decimal	11015447
CIELab	35.84, 55.89, 39.78
CIELCh	36, 68.608, 35.442
Yxy	8.9230, 0.6103, 0.3286
Android (android.graphics.Color)	4289205527 (0xFFA81517)
YUV	65.1810, -20.7952, 90.1723
Hunter-Lab	29.8714, 46.7484, 17.6161

Details

The YUV color **65.1810, -20.7952, 90.1723** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **123.8190, 20.7952, -90.1723**, and the grayscale version is **65.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.1290, -28.6576, 91.9719**, and **31.9930, -15.7725, 65.7811** is the 20% darker color. If you saturate the color by 10%, you get **53.2640, -23.3012, 100.6235**, and if you desaturate by 10%, it is **77.0980, -18.2893, 79.7211**.

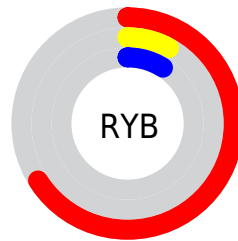
Distribution



Red (66%)

Green (8%)

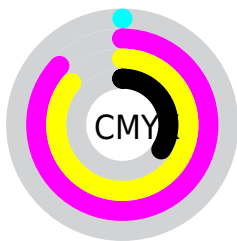
Blue (9%)



Red (66%)

Yellow (8%)

Blue (9%)

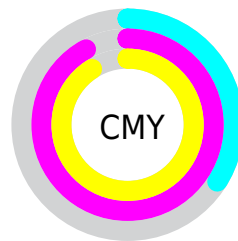


Cyan (0%)

Magenta (87%)

Yellow (86%)

Black (34%)



Cyan (34%)


Magenta (92%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the YUV color 65.1810, -20.7952, 90.1723 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 65.1810, -20.7952, 90.1723 by changing the saturation by 10% instead.


 65.1810, -20.7952,
90.1723


 65.1810, -20.7952,
90.1723


254.8860, -0.4368,
0.1000


 40.9630, -20.1948,
84.2244


 126.1290,
-28.6576, 91.9719


 31.9930, -15.7725,
65.7811

 152.4770,
-29.8152, 89.9127


 23.0230, -11.3503,
47.3378

 171.7630,
-26.9982, 72.9988

 14.5800, -6.2019,
29.3093

 191.1630,
-23.7444, 55.9850

 0.0000, 0.0000,
0.0000

 210.5630,
-20.4906, 38.9712

 230.7780,

-16.6526, 21.2427

■ 251.5800,
-13.1039, 2.9993

■ 65.1810, -20.7952,
90.1723

■ 65.1810, -20.7952,
90.1723

■ 53.2640, -23.3012,
100.6235

■ 77.0980, -18.2893,
79.7211

■ 50.4600, -23.8908,
103.0826

■ 88.9010, -16.2202,
69.3698

■ 100.2310,
-13.4249, 59.4334

■ 112.0340,
-11.3558, 49.0822

■ 123.9510, -8.8498,
38.6310

■ 135.7540, -6.7807,
28.2797

■ 147.6710, -4.2748,
17.8285

■ 159.0010, -1.4795,
7.8921

■ 170.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



61.4020, 7.6898, 100.5024



65.1810, -20.7952, 90.1723



78.5420, -38.7212, 53.0217

Triad

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



65.1810, -20.7952, 90.1723



64.9240, -15.2455, -56.9383



74.5870, 59.8566, -65.4128

Complementary

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



65.1810, -20.7952, 90.1723



123.8190, 20.7952, -90.1723

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.



80.9640, 51.2897, -71.0054



65.1810, -20.7952, 90.1723



72.8240, 9.9468, -63.8666

Square

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



65.1810, -20.7952, 90.1723



66.7950, -32.9299, -31.3922



78.9800, 33.5339, -69.2655



84.1400, 44.7940, 6.0162

Rectangle

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



65.1810, -20.7952, 90.1723



79.5620, -39.2241, 27.5711



78.9800, 33.5339, -69.2655



78.1090, 58.1203, -68.5016

Sweetspot

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



65.1810, -20.7952, 90.1723



179.1570, -7.9654, 34.9423



81.1130, 42.8353, 74.4459



86.1660, -5.0118, 20.9024



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



65.1810, -20.7952, 90.1723



65.8230, -30.9717, 134.3362



106.6300, -42.2156, 53.8215



78.3920, -1.1793, 4.9182



44.4800, -20.9426, 90.7870



5.9800, -2.9481, 12.2955

Inverse Universe

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



65.1810, -20.7952, 90.1723



65.8230, -30.9717, 134.3362



82.3700, 42.2156, -53.8215



78.3920, -1.1793, 4.9182



44.4800, -20.9426, 90.7870



5.9800, -2.9481, 12.2955

Previews

White Background



This preview shows how the YUV color 65.1810, -20.7952, 90.1723 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 65.1810, -20.7952, 90.1723

Background



This preview shows how black text looks on a background with the YUV color 65.1810, -20.7952, 90.1723.



This preview shows how white text looks on a background with the YUV color 65.1810, -20.7952,

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

65.1810, -20.7952, 90.1723

Protanopia

83.5180, -22.4404, 10.9467

Deuteranopia

80.7250, -39.7974, 24.7972



Tritanopia

65.1980, -23.2686, 90.1574

Trichromacy



Original Color

65.1810, -20.7952, 90.1723

Protanomaly

76.6340, -21.5116, 39.7860

Deuteranomaly

75.0020, -33.0320, 48.2332

Tritanomaly

65.4260, -22.3950, 89.9574

Monochromacy



Original Color

65.1810, -20.7952, 90.1723

Achromatopsia

65.0000, 0.0000, 0.0000

Achromatomaly

64.9610, -7.3758, 32.4832

CSS Examples

Text

The CSS property to change the color of the text to YUV 65.1810, -20.7952, 90.1723 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(168, 21, 23)` looks like.

```
.text, #text, p{  
    color:rgb(168, 21, 23)  
}
```

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(168, 21, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 21, 23) }
```

Border

The CSS property to change the border of an element to YUV 65.1810, -20.7952, 90.1723 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(168, 21, 23) }
```


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

```
.border{ border-color:rgb(168, 21, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 21, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 21, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 21, 23);  
box-shadow:4px 4px 4px 4px rgb(168, 21,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 65.1810, -20.7952, 90.1723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 21, 23) }
```

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

```
.background{ background-color: rgb(168, 21,  
23) }
```

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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