

Converting Colors

YUV(52.3220, -17.9067,
97.0646)

Have a look what the booklet for
YUV(52.3220, -17.9067, 97.0646)
contains.

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Color

**YUV(52.3220, -17.9067,
97.0646)**

Conversions

Conversions Part 1

Format	Color
Hex	A30310
RGB	163, 3, 16
RGB Percent	64%, 1%, 6%
CMY	0.3608, 0.9882, 0.9373
CMYK	0.00, 0.98, 0.90, 0.36
HSL	355°, 96%, 33%
HSV	355°, 98%, 64%
XYZ	15.2303, 7.8891, 1.2102
YIQ	52.3220, 91.1870, 37.9630

Conversions

Conversions Part 2

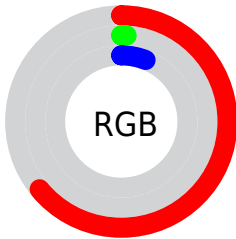
Format	Color
RYB	163, 3, 16
Decimal	10683152
CIELab	33.75, 57.13, 41.14
CIELCh	34, 70.407, 35.758
Yxy	7.8891, 0.6260, 0.3243
Android (android.graphics.Color)	4288873232 (0xFFA30310)
YUV	52.3220, -17.9067, 97.0646
Hunter-Lab	28.0875, 47.6380, 17.1066

Details

The YUV color **52.3220, -17.9067, 97.0646** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **113.6780, 17.9067, -97.0646**, and the grayscale version is **52.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.1400, -28.6630, 93.7162**, and **30.1990, -14.8881, 62.0925** is the 20% darker color. If you saturate the color by 10%, you get **50.2190, -18.3490, 98.9089**, and if you desaturate by 10%, it is **63.4240, -15.9850, 87.3282**.

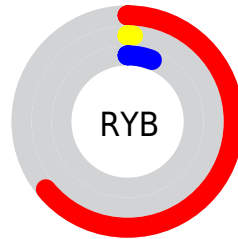
Distribution



Red (64%)

Green (1%)

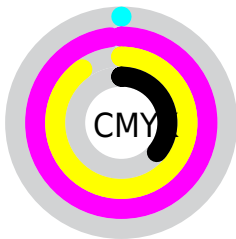
Blue (6%)



Red (64%)

Yellow (1%)

Blue (6%)

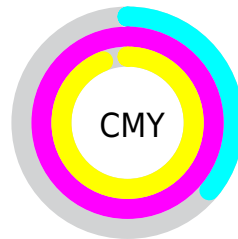


Cyan (0%)

Magenta (98%)

Yellow (90%)

Black (36%)



Cyan (36%)


Magenta (99%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YUV color 52.3220, -17.9067, 97.0646 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 52.3220, -17.9067, 97.0646 by changing the saturation by 10% instead.


 52.3220, -17.9067,
97.0646

 52.3220, -17.9067,
97.0646


 253.8600, -4.3680,
0.9998


 39.4680, -19.4577,
81.1506


 119.1400,
-28.6630, 93.7162


 30.1990, -14.8881,
62.0925

 147.4560,
-31.2838, 94.3161

 21.6420, -10.1765,
44.1640

 166.1550,
-28.1774, 77.9171

 12.9710, -5.9017,
26.3354

 186.1420,
-25.2130, 60.3885


 0.0000, 0.0000,
0.0000


 205.5420,
-21.9592, 43.3747


 225.6430,


-18.5580, 25.7461


 245.8580,
-14.7200, 8.0175


 52.3220, -17.9067,
97.0646


 52.3220, -17.9067,
97.0646


 50.2190, -18.3490,
98.9089

 63.4240, -15.9850,
87.3282

 75.1130, -14.3527,
77.0769

 86.2150, -12.4310,
67.3404

 97.3170, -10.5093,
57.6040

 108.4190, -8.5876,
47.8675

■ 120.1080, -6.9552,
37.6163

■ 131.2100, -5.0335,
27.8798

■ 142.3120, -3.1118,
18.1434

■ 154.0010, -1.4795,
7.8921

Harmonies

Analogous

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



59.5220, 5.6587, 98.6432



52.3220, -17.9067, 97.0646



73.8130, -36.3898, 51.9070

Triad

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



52.3220, -17.9067, 97.0646



61.3050, -16.4194, -53.7645



71.3100, 59.9932, -62.5389

Complementary

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



52.3220, -17.9067, 97.0646



113.6780, 17.9067, -97.0646

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.



77.8010, 51.8631, -68.2315



52.3220, -17.9067, 97.0646



69.4330, 9.6465, -60.8927

Square

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



52.3220, -17.9067, 97.0646



60.2720, -29.7141, -36.1955



75.7030, 33.6704, -66.3915



78.7810, 45.9570, 6.3311

Rectangle

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



52.3220, -17.9067, 97.0646



75.4200, -37.1821, 25.9417



75.7030, 33.6704, -66.3915



74.8320, 58.2568, -65.6277

Sweetspot

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



52.3220, -17.9067, 97.0646



169.1080, -6.9552, 37.6163



65.1930, 48.2189, 74.3757



81.4050, -4.1437, 22.4468



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

Same Dimension

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



52.3220, -17.9067, 97.0646



65.3260, -23.8247, 128.6331



90.1690, -42.9743, 63.8728



75.8050, -0.8899, 5.4330



44.7230, -16.1324, 87.9429



5.4960, -2.2165, 10.9660

Inverse Universe

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



52.3220, -17.9067, 97.0646



65.3260, -23.8247, 128.6331



75.8310, 42.9743, -63.8728



75.8050, -0.8899, 5.4330



44.7230, -16.1324, 87.9429



5.4960, -2.2165, 10.9660

Previews

White Background



This preview shows how the YUV color 52.3220, -17.9067, 97.0646 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 52.3220, -17.9067, 97.0646

Background



This preview shows how black text looks on a background with the YUV color 52.3220, -17.9067, 97.0646.



This preview shows how white text looks on a background with the YUV color 52.3220, -17.9067,

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

52.3220, -17.9067, 97.0646

Protanopia

79.0620, -24.1876, 11.3466

Deuteranopia

76.8820, -37.9028, 23.7825



Tritanopia

57.2430, -28.2208, 91.8719

Trichromacy



Original Color

52.3220, -17.9067, 97.0646

Protanomaly

69.2430, -21.8118, 42.7599

Deuteranomaly

67.9960, -30.5640, 49.9925

Tritanomaly

55.5790, -24.4424, 93.3312

Monochromacy



Original Color

52.3220, -17.9067, 97.0646

Achromatopsia

52.0000, 0.0000, 0.0000

Achromatomaly

51.9120, -6.3656, 35.1572

CSS Examples

Text

The CSS property to change the color of the text to YUV 52.3220, -17.9067, 97.0646 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(163, 3, 16)` looks like.

```
.text, #text, p{  
    color:rgb(163, 3, 16)  
}
```

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(163, 3, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 3, 16) }
```

Border

The CSS property to change the border of an element to YUV 52.3220, -17.9067, 97.0646 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(163, 3, 16) }
```


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

```
.border{ border-color:rgb(163, 3, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 3, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 3, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 3, 16);  
box-shadow:4px 4px 4px 4px rgb(163, 3, 16)  
}
```

Background

The CSS property to change the background color of an element to YUV 52.3220, -17.9067, 97.0646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 3, 16) }
```

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

```
.background{ background-color: rgb(163, 3,  
16) }
```

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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