

Converting Colors

YUV(54.3210, -12.9763,
102.3275)

Have a look what the booklet for
YUV(54.3210, -12.9763, 102.3275)
contains.

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Color

**YUV(54.3210, -12.9763,
102.3275)**

Conversions

Conversions Part 1

Format	Color
Hex	AB001C
RGB	171, 0, 28
RGB Percent	67%, 0%, 11%
CMY	0.3294, 1.0000, 0.8902
CMYK	0.00, 1.00, 0.84, 0.33
HSL	350°, 100%, 34%
HSV	350°, 100%, 67%
XYZ	17.0042, 8.7418, 1.8897
YIQ	54.3210, 92.9280, 44.9600

Conversions

Conversions Part 2

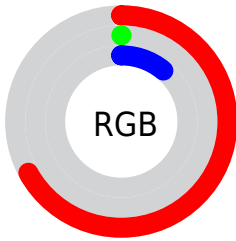
Format	Color
RYB	171, 0, 28
Decimal	11206684
CIELab	35.48, 59.83, 36.98
CIElCh	35, 70.336, 31.720
Yxy	8.7418, 0.6153, 0.3163
Android (android.graphics.Color)	4289396764 (0xFFAB001C)
YUV	54.3210, -12.9763, 102.3275
Hunter-Lab	29.5665, 50.9171, 16.9071

Details

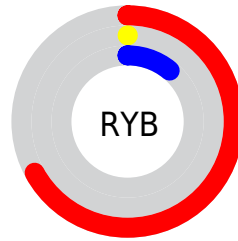
The YUV color **54.3210, -12.9763, 102.3275** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **116.6790, 12.9763, -102.3275**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.0740, -25.1795, 96.4051**, and **32.5910, -16.0674, 67.0107** is the 20% darker color. If you saturate the color by 10%, you get **54.3210, -12.9763, 102.3275**, and if you desaturate by 10%, it is **65.8960, -11.7807, 92.1762**.

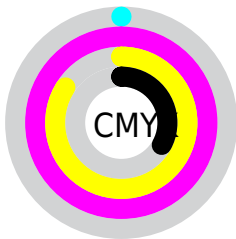
Distribution



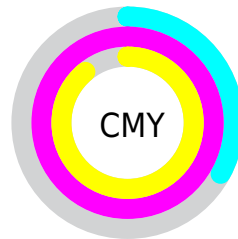
- Red (67%)
- Green (0%)
- Blue (11%)



- Red (67%)
- Yellow (0%)
- Blue (11%)



- Cyan (0%)
- Magenta (100%)
- Yellow (84%)
- Black (33%)





- Cyan (33%)
- Magenta (100%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 54.3210, -12.9763, 102.3275 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 54.3210, -12.9763, 102.3275 by changing the saturation by 10% instead.


 54.3210, -12.9763,
102.3275


 54.3210, -12.9763,
102.3275


255.0000, 0.0000,
0.0000

 42.4300, -18.4530,
85.5689


 124.0740,
-25.1795, 96.4051

 32.5910, -16.0674,
67.0107


 149.4110,
-26.3316, 92.6016


 23.7350, -11.2084,
48.4674

 168.6970,
-23.5146, 75.6877

 15.1780, -6.4968,
30.5389


 188.6840,
-20.5502, 58.1591


 0.0000, 0.0000,
0.0000


 208.1980,
-16.8596, 41.0454


 229.0000,


-13.3110, 22.8020

 249.2150, -9.4730,
5.0734


 54.3210, -12.9763,
102.3275

 65.8960, -11.7807,
92.1762

 77.5850, -10.1484,
81.9250

 89.1600, -8.9529,
71.7737

 100.7350, -7.7574,
61.6224

 112.4240, -6.1250,
51.3712

■ 124.5860, -5.2189,
40.7051

■ 136.1610, -4.0234,
30.5538

■ 147.7360, -2.8278,
20.4025

■ 159.4250, -1.1955,
10.1513

Harmonies

Analogous

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



62.0860, 10.3106, 99.9026



54.3210, -12.9763, 102.3275



76.2160, -37.5745, 58.5696

Triad

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



54.3210, -12.9763, 102.3275



63.0830, -19.7609, -55.3238



75.9890, 60.1514, -66.6424

Complementary

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



54.3210, -12.9763, 102.3275



116.6790, 12.9763, -102.3275

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.



80.8500, 50.8529, -70.9055



54.3210, -12.9763, 102.3275



71.3250, 6.7418, -62.5520

Square

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



54.3210, -12.9763, 102.3275



68.3120, -33.6778, -24.8296



78.4100, 31.3499, -68.7656



81.8010, 48.9051, -5.9645

Rectangle

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



54.3210, -12.9763, 102.3275



79.2960, -39.0929, 32.1894



78.4100, 31.3499, -68.7656



78.8100, 58.2677, -69.1164

Sweetspot

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



54.3210, -12.9763, 102.3275



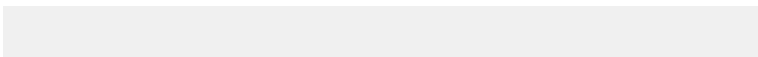
176.2870, -5.0715, 40.0903



62.2510, 53.6133, 70.8169



84.6440, -3.2755, 23.9912



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



54.3210, -12.9763, 102.3275



70.4820, -16.9996, 132.8813



84.5880, -41.7019, 75.7833



80.8050, -0.8899, 5.4330



47.7000, -11.1911, 89.7171



7.3330, -1.6432, 13.7400

Inverse Universe

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



54.3210, -12.9763, 102.3275



70.4820, -16.9996, 132.8813



86.4120, 41.7019, -75.7833



80.8050, -0.8899, 5.4330



47.7000, -11.1911, 89.7171



7.3330, -1.6432, 13.7400

Previews

White Background



This preview shows how the YUV color 54.3210, -12.9763, 102.3275 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 54.3210, -12.9763, 102.3275

Background



This preview shows how black text looks on a background with the YUV color 54.3210, -12.9763, 102.3275.



This preview shows how white text looks on a background with the YUV color 54.3210, -12.9763,

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

54.3210, -12.9763, 102.3275

Protanopia

84.6040, -19.5248, 9.1173

Deuteranopia

81.6370, -36.3030, 23.9974



Tritanopia

59.6350, -29.4001, 96.7901

Trichromacy



Original Color

54.3210, -12.9763, 102.3275

Protanomaly

73.5080, -17.0124, 43.4045

Deuteranomaly

71.7020, -27.9541, 52.8813

Tritanomaly

57.8400, -23.5851, 98.3643

Monochromacy



Original Color

54.3210, -12.9763, 102.3275

Achromatopsia

54.0000, 0.0000, 0.0000

Achromatomaly

54.0910, -4.4819, 37.6312

CSS Examples

Text

The CSS property to change the color of the text to YUV 54.3210, -12.9763, 102.3275 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(171, 0, 28)` looks like.

```
.text, #text, p{  
    color:rgb(171, 0, 28)  
}
```

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(171, 0, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 0, 28) }
```

Border

The CSS property to change the border of an element to YUV 54.3210, -12.9763, 102.3275 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(171, 0, 28) }
```


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

```
.border{ border-color:rgb(171, 0, 28) }
```

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

Here you see how a box with a 4 pixel rgb(171, 0, 28) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 0, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 0, 28);  
box-shadow:4px 4px 4px 4px rgb(171, 0, 28)  
}
```

Background

The CSS property to change the background color of an element to YUV 54.3210, -12.9763, 102.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 0, 28) }
```

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

```
.background{ background-color: rgb(171, 0,  
28) }
```

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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