

Converting Colors

YUV(58.4230, -27.8165,
102.2380)

Have a look what the booklet for
YUV(58.4230, -27.8165, 102.2380)
contains.

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Color

**YUV(58.4230, -27.8165,
102.2380)**

Conversions

Conversions Part 1

Format	Color
Hex	AF0A02
RGB	175, 10, 2
RGB Percent	69%, 4%, 1%
CMY	0.3137, 0.9608, 0.9922
CMYK	0.00, 0.94, 0.99, 0.31
HSL	3°, 98%, 35%
HSV	3°, 99%, 69%
XYZ	17.7987, 9.3354, 0.9213
YIQ	58.4230, 100.9080, 32.4920

Conversions

Conversions Part 2

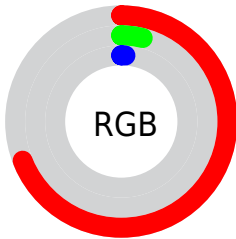
Format	Color
RYB	175, 10, 2
Decimal	11471362
CIELab	36.62, 59.24, 49.96
CIELCh	37, 77.495, 40.146
Yxy	9.3354, 0.6344, 0.3327
Android (android.graphics.Color)	4289661442 (0xFFAF0A02)
YUV	58.4230, -27.8165, 102.2380
Hunter-Lab	30.5539, 50.5129, 19.6001

Details

The YUV color **58.4230, -27.8165, 102.2380** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **118.5770, 27.8165, -102.2380**, and the grayscale version is **59.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **124.8220, -36.3942, 100.1341**, and **33.4880, -16.5096, 68.8550** is the 20% darker color. If you saturate the color by 10%, you get **57.0210, -28.1114, 103.4676**, and if you desaturate by 10%, it is **70.4540, -24.8738, 91.6868**.

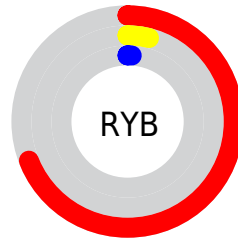
Distribution



Red (69%)

Green (4%)

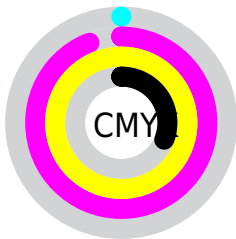
Blue (1%)



Red (69%)

Yellow (4%)

Blue (1%)

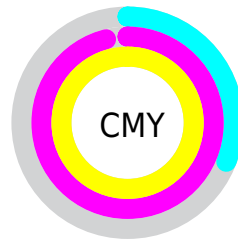


Cyan (0%)

Magenta (94%)

Yellow (99%)

Black (31%)



Cyan (31%)

Magenta (96%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 58.4230, -27.8165, 102.2380 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 58.4230, -27.8165, 102.2380 by changing the saturation by 10% instead.

■ 58.4230, -27.8165,
102.2380

■ 58.4230, -27.8165,
102.2380

■ 252.7200, -8.7360,
1.9996

■ 43.0560, -21.2266,
88.5279

■ 124.8220,
-36.3942, 100.1341

■ 33.4880, -16.5096,
68.8550

■ 148.7780,
-36.3726, 93.1567

■ 24.5180, -12.0874,
50.4117

■ 168.6510,
-33.8449, 75.7281

■ 16.0750, -6.9390,
32.3832

■ 187.9370,
-31.0279, 58.8143


■ 1.1960, -0.5896,
2.4591


■ 208.0380,
-27.6267, 41.1857


■ 0.0000, 0.0000,
0.0000


■ 228.1390,


-24.2255, 23.5571


 248.3540,
-20.3875, 5.8285


 58.4230, -27.8165,
102.2380

 58.4230, -27.8165,
102.2380

 57.0210, -28.1114,
103.4676

 70.4540, -24.8738,
91.6868

 81.7840, -22.0785,
81.7504

 93.7010, -19.5726,
71.2992

 105.7320,
-16.6299, 60.7480

 117.0620,
-13.8346, 50.8116

■ 129.0930,
-10.8918, 40.2604

■ 141.1240, -7.9491,
29.7093

■ 153.0410, -5.4432,
19.2580

■ 164.4850, -2.2111,
9.2217

Harmonies

Analogous

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



64.2630, 1.8423, 109.3943



58.4230, -27.8165, 102.2380



80.8900, -39.8788, 50.9625

Triad

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



58.4230, -27.8165, 102.2380



67.9560, -13.7823, -59.5974



76.4110, 66.8454, -67.0124

Complementary

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



58.4230, -27.8165, 102.2380



118.5770, 27.8165, -102.2380

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.



85.1190, 59.5943, -74.6494



58.4230, -27.8165, 102.2380



76.7680, 14.9044, -67.3255

Square

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



58.4230, -27.8165, 102.2380



60.4610, -29.8073, -53.0243



83.4940, 40.6755, -73.2242



85.4390, 48.0976, 19.7860

Rectangle

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



58.4230, -27.8165, 102.2380



81.0020, -39.9340, 21.9232



83.4940, 40.6755, -73.2242



80.7480, 65.6932, -70.8160

Sweetspot

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



58.4230, -27.8165, 102.2380



181.0930, -10.8918, 40.2604



72.7650, 47.4439, 89.6601



86.7320, -6.7699, 24.7910



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



58.4230, -27.8165, 102.2380



73.7430, -36.3553, 134.4064



107.7310, -52.1254, 58.9949



80.6910, -1.3267, 5.5330



48.9590, -24.1368, 88.6130



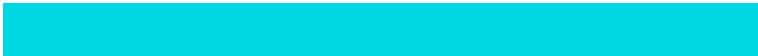
7.4640, -3.6798, 13.6251

Inverse Universe

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



118.5770, 27.8165, -102.2380



152.6700, 36.6447, -133.8916



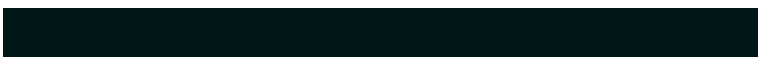
69.2690, 52.1254, -58.9949



83.7220, 1.6161, -5.0182



101.0410, 24.1368, -88.6130



15.5360, 3.6798, -13.6251

Previews

White Background



This preview shows how the YUV color 58.4230, -27.8165, 102.2380 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 58.4230, -27.8165, 102.2380

Background



This preview shows how black text looks on a background with the YUV color 58.4230, -27.8165, 102.2380.



This preview shows how white text looks on a background with the YUV color 58.4230, -27.8165,

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

58.4230, -27.8165, 102.2380

Protanopia

84.4660, -30.3027, 12.7463

Deuteranopia

82.7960, -40.8184, 25.6119



Tritanopia

61.4180, -30.2791, 98.7344

Trichromacy



Original Color

58.4230, -27.8165, 102.2380

Protanomaly

74.9030, -29.5322, 45.6891

Deuteranomaly

73.9380, -35.9584, 53.5514

Tritanomaly

60.3580, -29.2635, 99.6640

Monochromacy



Original Color

58.4230, -27.8165, 102.2380

Achromatopsia

58.0000, 0.0000, 0.0000

Achromatomaly

58.5980, -10.1548, 37.1866

CSS Examples

Text

The CSS property to change the color of the text to YUV 58.4230, -27.8165, 102.2380 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(175, 10, 2)` looks like.

```
.text, #text, p{  
    color:rgb(175, 10, 2)  
}
```

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(175, 10, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 10, 2) }
```

Border

The CSS property to change the border of an element to YUV 58.4230, -27.8165, 102.2380 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(175, 10, 2) }
```


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

```
.border{ border-color:rgb(175, 10, 2) }
```

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

Here you see how a box with a 4 pixel rgb(175, 10, 2) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 10, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 10, 2);  
box-shadow:4px 4px 4px 4px rgb(175, 10, 2)  
}
```

Background

The CSS property to change the background color of an element to YUV 58.4230, -27.8165, 102.2380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 10, 2) }
```

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

```
.background{ background-color: rgb(175, 10,  
2) }
```

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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