

Converting Colors

YUV(90.0050, -17.2575,
75.4176)

Have a look what the booklet for
YUV(90.0050, -17.2575, 75.4176)
contains.

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Color

**YUV(90.0050, -17.2575,
75.4176)**

Conversions

Conversions Part 1

Format	Color
Hex	B03537
RGB	176, 53, 55
RGB Percent	69%, 21%, 22%
CMY	0.3098, 0.7922, 0.7843
CMYK	0.00, 0.70, 0.69, 0.31
HSL	359°, 54%, 45%
HSV	359°, 70%, 69%
XYZ	19.8672, 12.0521, 4.8936
YIQ	90.0050, 72.6660, 26.6980

Conversions

Conversions Part 2

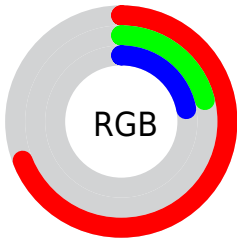
Format	Color
R_{YB}	176, 53, 55
Decimal	11547959
CIE _{Lab}	41.30, 49.76, 27.68
CIE _{LCh}	41, 56.940, 29.090
Yxy	12.0521, 0.5397, 0.3274
Android (android.graphics.Color)	4289738039 (0xFFB03537)
YUV	90.0050, -17.2575, 75.4176
Hunter-Lab	34.7162, 41.3976, 15.9438

Details

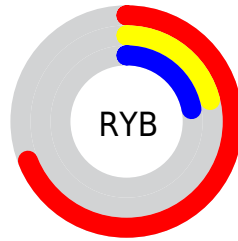
The YUV color **90.0050, -17.2575, 75.4176** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **138.9950, 17.2575, -75.4176**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.3000, -21.3469, 80.4209**, and **36.1660, -11.4208, 70.0144** is the 20% darker color. If you saturate the color by 10%, you get **77.5010, -19.4740, 86.3836**, and if you desaturate by 10%, it is **102.5090, -15.0409, 64.4516**.

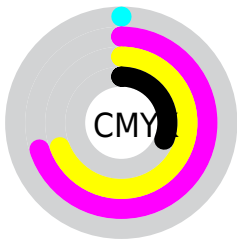
Distribution



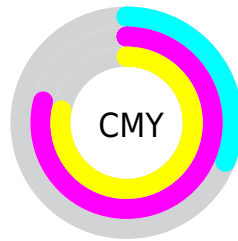
- Red (69%)
- Green (21%)
- Blue (22%)



- Red (69%)
- Yellow (21%)
- Blue (22%)



- Cyan (0%)
- Magenta (70%)
- Yellow (69%)
- Black (31%)





- Cyan (31%)
- Magenta (79%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YUV color 90.0050, -17.2575, 75.4176 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 90.0050, -17.2575, 75.4176 by changing the saturation by 10% instead.


 90.0050, -17.2575,
75.4176


 90.0050, -17.2575,
75.4176


255.0000, 0.0000,
0.0000


 60.3300, -13.4737,
75.1326


 145.3000,
-21.3469, 80.4209

 36.1660, -11.4208,
70.0144


 169.3810,
-20.8938, 75.0879


 26.0130, -12.8244,
53.4856

 188.7810,
-17.6400, 58.0741

 18.1680, -7.9708,
36.6867

 208.2950,
-13.9494, 40.9603

 7.5890, -3.2484,
15.2694

 228.3960,
-10.5482, 23.3317

 0.0000, 0.0000,
0.0000

 248.7250, -6.2734,

5.5032

■ 90.0050, -17.2575,
75.4176

■ 90.0050, -17.2575,
75.4176

■ 77.5010, -19.4740,
86.3836

■ 102.5090,
-15.0409, 64.4516

■ 65.4700, -22.4167,
96.9348

■ 114.5400,
-12.0982, 53.9004

■ 52.9660, -24.6332,
107.9008

■ 127.0440, -9.8817,
42.9344

■ 138.9610, -7.3758,
32.4832

■ 151.5790, -4.7224,
21.4172

■ 164.0830, -2.5059,
10.4512

■ 176.0000, 0.0000,
0.0000

■ 188.6180, 2.6533,
-11.0660

■ 200.5350, 5.1592,
-21.5172

Harmonies

Analogous

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



90.2650, 5.2924, 76.0666



90.0050, -17.2575, 75.4176



91.7550, -41.7842, 55.4659

Triad

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



90.0050, -17.2575, 75.4176



72.7490, -13.1873, -63.8009



82.9360, 53.7686, -72.7349

Complementary

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



90.0050, -17.2575, 75.4176



138.9950, 17.2575, -75.4176

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.



87.2100, 44.7595, -76.4832



90.0050, -17.2575, 75.4176



80.0960, 7.3477, -70.2442

Square

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



90.0050, -17.2575, 75.4176



85.2230, -42.0149, -10.7196



85.4540, 27.8772, -74.9432



97.3250, 40.7588, -6.4240

Rectangle

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



90.0050, -17.2575, 75.4176



91.7110, -45.2135, 35.3335



85.4540, 27.8772, -74.9432



85.0560, 51.7374, -74.5941

Sweetspot

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



90.0050, -17.2575, 75.4176



195.7650, -6.7861, 30.0241



103.2010, 35.8899, 62.0907



94.7850, -3.8380, 17.7286



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.



90.0050, -17.2575, 75.4176



95.0490, -27.1392, 118.3520



124.4100, -35.2051, 45.2444



82.6910, -1.3267, 5.5330



45.9750, -21.6797, 93.8609



7.7740, -3.8326, 15.9842

Inverse Universe

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



90.0050, -17.2575, 75.4176



95.0490, -27.1392, 118.3520



104.5900, 35.2051, -45.2444



82.6910, -1.3267, 5.5330



45.9750, -21.6797, 93.8609



7.7740, -3.8326, 15.9842

Previews

White Background



This preview shows how the YUV color 90.0050, -17.2575, 75.4176 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 × Fail

Black Background



This preview shows how the YUV color 90.0050, -17.2575, 75.4176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 90.0050, -17.2575, 75.4176

Background



This preview shows how black text looks on a background with the YUV color 90.0050, -17.2575, 75.4176.



This preview shows how white text looks on a background with the YUV color 90.0050, -17.2575,

75.4176.

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

90.0050, -17.2575, 75.4176

Protanopia

97.4280, -12.5360, 7.5176

Deuteranopia

96.8290, -24.0727, 21.1980



Tritanopia

90.0050, -17.2575, 75.4176

Trichromacy



Original Color

90.0050, -17.2575, 75.4176

Protanomaly

94.8270, -14.2117, 31.7237

Deuteranomaly

94.3460, -21.3696, 40.9156

Tritanomaly

90.0050, -17.2575, 75.4176

Monochromacy



Original Color

90.0050, -17.2575, 75.4176

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.1560, -6.4859, 27.0502

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.0050, -17.2575, 75.4176 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(176, 53, 55)` looks like.

```
.text, #text, p{  
    color:rgb(176, 53, 55)  
}
```

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(176, 53, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 53, 55) }
```

Border

The CSS property to change the border of an element to YUV 90.0050, -17.2575, 75.4176 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(176, 53, 55) }
```


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

```
.border{ border-color:rgb(176, 53, 55) }
```

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

Here you see how a box with a 4 pixel rgb(176, 53, 55) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 53, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 53, 55);  
box-shadow:4px 4px 4px 4px rgb(176, 53,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 90.0050, -17.2575, 75.4176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 53, 55) }
```

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

```
.background{ background-color: rgb(176, 53,  
55) }
```

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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