

Converting Colors

YUV(90.0760, -18.2785,
76.2323)

Have a look what the booklet for
YUV(90.0760, -18.2785, 76.2323)
contains.

| | |
|--|----|
| YUV(90.0760, -18.2785, 76.2323) | 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(90.0760, -18.2785,
76.2323)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B13535 |
| RGB | 177, 53, 53 |
| RGB Percent | 69%, 21%, 21% |
| CMY | 0.3059, 0.7922, 0.7922 |
| CMYK | 0.00, 0.70, 0.70, 0.31 |
| HSL | 0°, 54%, 45% |
| HSV | 0°, 70%, 69% |
| XYZ | 20.0472, 12.1504, 4.6568 |
| YIQ | 90.0760, 73.9040, 26.2880 |

Conversions

Conversions Part 2

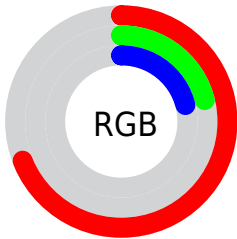
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 177, 53, 53 |
| Decimal | 11613493 |
| CIE _{Lab} | 41.45, 49.98, 29.12 |
| CIE _{LCh} | 41, 57.844, 30.223 |
| Yxy | 12.1504, 0.5440, 0.3297 |
| Android (android.graphics.Color) | 4289803573 (0xFFB13535) |
| YUV | 90.0760, -18.2785, 76.2323 |
| Hunter-Lab | 34.8574, 41.6585, 16.4792 |

Details

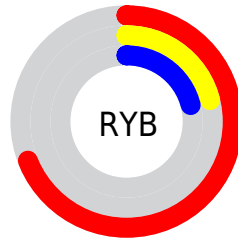
The YUV color **90.0760, -18.2785, 76.2323** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **139.9240, 18.2785, -76.2323**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.3710, -22.3679, 81.2356**, and **36.1230, -12.8786, 70.9291** is the 20% darker color. If you saturate the color by 10%, you get **77.4580, -20.9318, 87.2983**, and if you desaturate by 10%, it is **102.6940, -15.6251, 65.1664**.

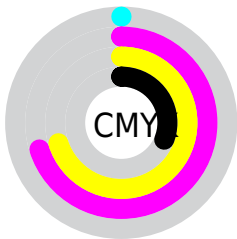
Distribution



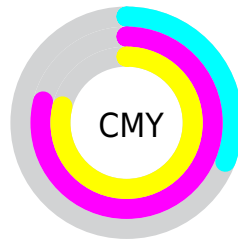
- Red (69%)
- Green (21%)
- Blue (21%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the YUV color 90.0760, -18.2785, 76.2323 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 90.0760, -18.2785, 76.2323 by changing the saturation by 10% instead.


 90.0760, -18.2785,
76.2323

 90.0760, -18.2785,
76.2323


255.0000, 0.0000,
0.0000


 60.5150, -14.0579,
75.8473


 145.3710,
-22.3679, 81.2356

 36.1230, -12.8786,
70.9291


 169.7400,
-22.0568, 74.7730


 26.3120, -12.9718,
54.1004

 188.5530,
-18.5136, 58.2740

 18.1680, -7.9708,
36.6867

 208.0670,
-14.8230, 41.1602

 7.8880, -3.3958,
15.8842

 228.1680,
-11.4218, 23.5317

 0.0000, 0.0000,
0.0000

 248.3830, -7.5838,

5.8031

■ 90.0760, -18.2785,
76.2323

■ 90.0760, -18.2785,
76.2323

■ 77.4580, -20.9318,
87.2983

■ 102.6940,
-15.6251, 65.1664

■ 65.5410, -23.4377,
97.7495

■ 114.6110,
-13.1192, 54.7152

■ 52.9230, -26.0910,
108.8155

■ 127.2290,
-10.4659, 43.6492

■ 139.8470, -7.8126,
32.5832

■ 152.4650, -5.1592,
21.5172

■ 164.3820, -2.6533,
11.0660

■ 177.0000, 0.0000,
0.0000

■ 189.6180, 2.6533,
-11.0660

■ 201.5350, 5.1592,
-21.5172

Harmonies

Analogous

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



89.5750, 5.1395, 78.4257



90.0760, -18.2785, 76.2323



91.2990, -43.5314, 55.8658

Triad

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



90.0760, -18.2785, 76.2323



73.4500, -13.0399, -64.4156



83.1640, 54.6421, -72.9348

Complementary

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



90.0760, -18.2785, 76.2323



139.9240, 18.2785, -76.2323

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.



87.4380, 45.6331, -76.6831



90.0760, -18.2785, 76.2323



80.9110, 7.9319, -70.9589

Square

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



90.0760, -18.2785, 76.2323



85.2120, -42.0095, -12.4639



86.3830, 28.8982, -75.7579



98.6350, 40.6059, -4.0649

Rectangle

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



90.0760, -18.2785, 76.2323



91.9990, -45.3555, 34.2039



86.3830, 28.8982, -75.7579



85.2840, 52.6110, -74.7941

Sweetspot

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



90.0760, -18.2785, 76.2323



195.6510, -7.2229, 30.1241



104.2120, 35.8845, 63.8351



94.6710, -4.2748, 17.8285



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.



90.0760, -18.2785, 76.2323



94.7070, -28.4496, 118.6520



126.4700, -36.2207, 44.3148



82.6910, -1.3267, 5.5330



45.7470, -22.5533, 94.0609



7.7740, -3.8326, 15.9842

Inverse Universe

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



139.9240, 18.2785, -76.2323



172.2930, 28.4496, -118.6520



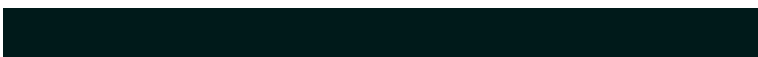
103.5300, 36.2207, -44.3148



86.3090, 1.3267, -5.5330



107.2530, 22.5533, -94.0609



18.2260, 3.8326, -15.9842

Previews

White Background



This preview shows how the YUV color 90.0760, -18.2785, 76.2323 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 90.0760, -18.2785, 76.2323 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 90.0760, -18.2785, 76.2323

Background



This preview shows how black text looks on a background with the YUV color 90.0760, -18.2785, 76.2323.



This preview shows how white text looks on a background with the YUV color 90.0760, -18.2785,

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

90.0760, -18.2785, 76.2323

Protanopia

97.6730, -14.1358, 7.3028

Deuteranopia

96.9000, -25.0937, 22.0127



Tritanopia

90.3040, -17.4049, 76.0324

Trichromacy



Original Color

90.0760, -18.2785, 76.2323

Protanomaly

94.7840, -15.6695, 32.6384

Deuteranomaly

94.4170, -22.3906, 41.7303

Tritanomaly

90.1900, -17.8417, 76.1324

Monochromacy



Original Color

90.0760, -18.2785, 76.2323

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.4550, -6.6333, 27.6650

CSS Examples

Text

The CSS property to change the color of the text to YUV 90.0760, -18.2785, 76.2323 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(177, 53, 53)` looks like.

```
.text, #text, p{  
    color:rgb(177, 53, 53)  
}
```

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(177, 53, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 53, 53) }
```

Border

The CSS property to change the border of an element to YUV 90.0760, -18.2785, 76.2323 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(177, 53, 53) }
```


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

```
.border{ border-color:rgb(177, 53, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 53, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 53, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 53, 53);  
box-shadow:4px 4px 4px 4px rgb(177, 53,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 90.0760, -18.2785, 76.2323 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 53, 53) }
```

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

```
.background{ background-color: rgb(177, 53,  
53) }
```

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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