

Converting Colors

YUV(67.1790, -27.6962,
110.3450)

Have a look what the booklet for
YUV(67.1790, -27.6962, 110.3450)
contains.

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Color

**YUV(67.1790, -27.6962,
110.3450)**

Conversions

Conversions Part 1

Format	Color
Hex	C10E0B
RGB	193, 14, 11
RGB Percent	76%, 5%, 4%
CMY	0.2431, 0.9451, 0.9569
CMYK	0.00, 0.93, 0.94, 0.24
HSL	1°, 89%, 40%
HSV	1°, 94%, 76%
XYZ	22.2098, 11.6757, 1.3997
YIQ	67.1790, 107.6470, 37.0150

Conversions

Conversions Part 2

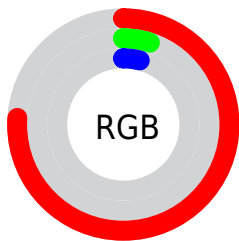
Format	Color
RYB	193, 14, 11
Decimal	12652043
CIELab	40.70, 63.59, 50.90
CIElCh	41, 81.452, 38.676
Yxy	11.6757, 0.6294, 0.3309
Android (android.graphics.Color)	4290842123 (0xFFC10E0B)
YUV	67.1790, -27.6962, 110.3450
Hunter-Lab	34.1697, 56.2251, 21.4902

Details

The YUV color **67.1790, -27.6962, 110.3450** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **136.8210, 27.6962, -110.3450**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.4530, -36.7053, 106.5967**, and **38.5710, -19.0155, 79.3062** is the 20% darker color. If you saturate the color by 10%, you get **59.4680, -29.3177, 117.1076**, and if you desaturate by 10%, it is **80.4980, -24.8955, 98.6643**.

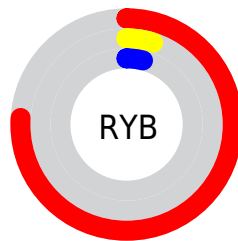
Distribution



Red (76%)

Green (5%)

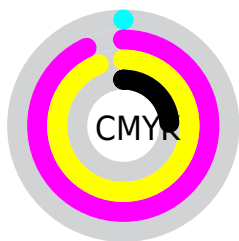
Blue (4%)



Red (76%)

Yellow (5%)

Blue (4%)

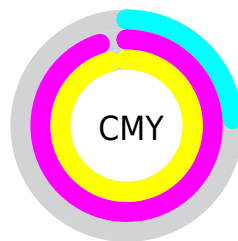


Cyan (0%)

Magenta (93%)

Yellow (94%)

Black (24%)



Cyan (24%)


Magenta (95%)


Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YUV color 67.1790, -27.6962, 110.3450 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 67.1790, -27.6962, 110.3450 by changing the saturation by 10% instead.


 67.1790, -27.6962,
110.3450

 67.1790, -27.6962,
110.3450


 253.8600, -4.3680,
0.9998


 48.1390, -23.7325,
98.9791


 133.4530,
-36.7053, 106.5967


 38.5710, -19.0155,
79.3062


 153.3260,
-34.1777, 89.1681


 29.3020, -14.4459,
60.2481

 173.1990,
-31.6501, 71.7395

 20.9730, -8.8607,
42.1197

 193.1860,
-28.6857, 54.2109


 11.1770, -5.0173,
22.6468


 213.1730,
-25.7213, 36.6823


 0.0000, 0.0000,
0.0000


 233.3880,


-21.8833, 18.9537


 250.6680,
-16.5983, 3.7992


 67.1790, -27.6962,
110.3450


 67.1790, -27.6962,
110.3450


 59.4680, -29.3177,
117.1076

 80.4980, -24.8955,
98.6643

 93.9310, -21.6580,
86.8835

 107.2500,
-18.8573, 75.2027

 120.5690,
-16.0565, 63.5220

 133.8880,
-13.2558, 51.8412

■ 147.3210,
-10.0183, 40.0605

■ 160.6400, -7.2175,
28.3797

■ 173.9590, -4.4168,
16.6990

■ 187.3920, -1.1793,
4.9182

Harmonies

Analogous

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



71.0130, 4.4306, 119.2606



67.1790, -27.6962, 110.3450



89.1960, -43.9736, 57.7101

Triad

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



67.1790, -27.6962, 110.3450



74.7550, -15.6552, -65.5601



85.0340, 71.9612, -74.5748

Complementary

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



67.1790, -27.6962, 110.3450



136.8210, 27.6962, -110.3450

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.



93.4000, 63.3998, -81.9118



67.1790, -27.6962, 110.3450



84.6100, 14.4893, -74.2030

Square

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



67.1790, -27.6962, 110.3450



66.3310, -32.7012, -58.1723



92.0200, 42.8811, -80.7015



95.5680, 52.4710, 17.0419

Rectangle

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



67.1790, -27.6962, 110.3450



90.4710, -44.6022, 25.8969



92.0200, 42.8811, -80.7015



89.2570, 70.3723, -78.2784

Sweetspot

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



67.1790, -27.6962, 110.3450



201.5170, -10.6079, 42.5196



86.1660, 52.6692, 93.6934



95.4440, -6.6279, 25.9206



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



67.1790, -27.6962, 110.3450



77.0980, -38.0093, 151.6351



118.8350, -53.1627, 65.0427



89.9900, -1.4741, 6.1478



49.9000, -24.6007, 97.4347



10.4540, -5.1538, 19.7728

Inverse Universe

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



136.8210, 27.6962, -110.3450



172.9020, 38.0093, -151.6351



85.1650, 53.1627, -65.0427



94.0100, 1.4741, -6.1478



111.1000, 24.6007, -97.4347



23.1330, 4.8644, -20.2876

Previews

White Background



This preview shows how the YUV color 67.1790, -27.6962, 110.3450 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



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 67.1790, -27.6962, 110.3450

Background



This preview shows how black text looks on a background with the YUV color 67.1790, -27.6962, 110.3450.



This preview shows how white text looks on a background with the YUV color 67.1790, -27.6962,

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

67.1790, -27.6962, 110.3450

Protanopia

93.7220, -31.9079, 14.2758

Deuteranopia

91.3680, -45.0444, 27.7413



Tritanopia

67.6860, -33.3692, 109.9004

Trichromacy



Original Color

67.1790, -27.6962, 110.3450

Protanomaly

83.6970, -30.4166, 49.3777

Deuteranomaly

82.2760, -38.5901, 57.6399

Tritanomaly

67.5550, -31.3326, 110.0153

Monochromacy



Original Color

67.1790, -27.6962, 110.3450

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.3210, -10.0183, 40.0605

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.1790, -27.6962, 110.3450 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(193, 14, 11)` looks like.

```
.text, #text, p{  
    color:rgb(193, 14, 11)  
}
```

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(193, 14, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 14, 11) }
```

Border

The CSS property to change the border of an element to YUV 67.1790, -27.6962, 110.3450 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(193, 14, 11) }
```


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

```
.border{ border-color:rgb(193, 14, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 14, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 14, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 14, 11);  
box-shadow:4px 4px 4px 4px rgb(193, 14,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 67.1790, -27.6962, 110.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 14, 11) }
```

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

```
.background{ background-color: rgb(193, 14,  
11) }
```

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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