

Converting Colors

YUV(76.2480, -29.2093,
82.2205)

Have a look what the booklet for
YUV(76.2480, -29.2093, 82.2205)
contains.

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Color

**YUV(76.2480, -29.2093,
82.2205)**

Conversions

Conversions Part 1

Format	Color
Hex	AA2811
RGB	170, 40, 17
RGB Percent	67%, 16%, 7%
CMY	0.3333, 0.8431, 0.9333
CMYK	0.00, 0.76, 0.90, 0.33
HSL	9°, 82%, 37%
HSV	9°, 90%, 67%
XYZ	17.4375, 10.1041, 1.5615
YIQ	76.2480, 84.8630, 20.4070

Conversions

Conversions Part 2

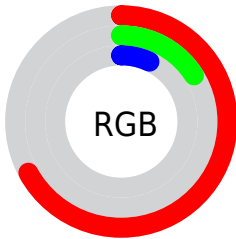
Format	Color
R_{YB}	170, 44, 17
Decimal	11151377
CIE _{Lab}	38.03, 51.23, 44.56
CIE _{LCh}	38, 67.897, 41.019
Yxy	10.1041, 0.5992, 0.3472
Android (android.graphics.Color)	4289341457 (0xFFAA2811)
YUV	76.2480, -29.2093, 82.2205
Hunter-Lab	31.7870, 42.2935, 19.3382

Details

The YUV color **76.2480, -29.2093, 82.2205** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **110.7520, 29.2093, -82.2205**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.3150, -34.1723, 87.4237**, and **32.5910, -16.0674, 67.0107** is the 20% darker color. If you saturate the color by 10%, you get **66.0920, -32.5834, 91.1273**, and if you desaturate by 10%, it is **86.4040, -25.8352, 73.3137**.

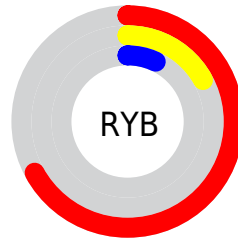
Distribution



Red (67%)

Green (16%)

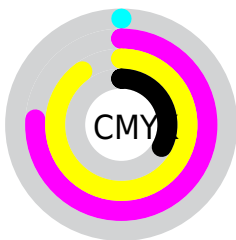
Blue (7%)



Red (67%)

Yellow (17%)

Blue (7%)

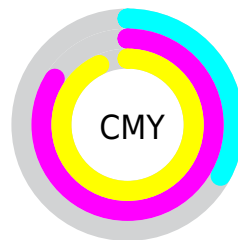


Cyan (0%)

Magenta (76%)

Yellow (90%)

Black (33%)



Cyan (33%)


Magenta (84%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 76.2480, -29.2093, 82.2205 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 76.2480, -29.2093, 82.2205 by changing the saturation by 10% instead.


 76.2480, -29.2093,
82.2205

 76.2480, -29.2093,
82.2205


 254.4300, -2.1840,
0.4999

 41.5610, -20.4896,
85.4540


 133.3150,
-34.1723, 87.4237


 32.5910, -16.0674,
67.0107

 158.4780,
-34.7457, 84.6498


 23.6210, -11.6452,
48.5674

 177.7640,
-31.9287, 67.7360

 15.7760, -6.7916,
31.7684


 196.5770,
-28.3855, 51.2370


 0.0000, 0.0000,
0.0000


 216.6780,
-24.9843, 33.6084


 236.7790,


-21.5830, 15.9798


 251.1240,
-14.8511, 3.3993


 76.2480, -29.2093,
82.2205


 76.2480, -29.2093,
82.2205


 66.0920, -32.5834,
91.1273

 86.4040, -25.8352,
73.3137

 97.1470, -22.7505,
63.8921

 107.3030,
-19.3764, 54.9853

 118.0460,
-16.2917, 45.5637

 128.2020,
-12.9176, 36.6568

■ 138.9450, -9.8329,
27.2352

■ 149.1010, -6.4588,
18.3284

■ 159.8440, -3.3741,
8.9068

■ 170.0000, 0.0000,
0.0000

Harmonies

Analogous

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



62.9250, 4.4740, 105.3058



76.2480, -29.2093, 82.2205



84.1130, -41.4677, 47.2589

Triad

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



76.2480, -29.2093, 82.2205



70.3840, -9.5563, -61.7268



75.5160, 60.8776, -66.2275

Complementary

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



76.2480, -29.2093, 82.2205



110.7520, 29.2093, -82.2205

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.



83.8650, 54.7896, -73.5496



76.2480, -29.2093, 82.2205



78.1700, 15.1992, -68.5551

Square

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



76.2480, -29.2093, 82.2205



65.8210, -32.4498, -45.4470



83.5110, 38.2021, -73.2391



90.6040, 41.1142, 19.6413

Rectangle

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



76.2480, -29.2093, 82.2205



83.9480, -41.3864, 21.0936



83.5110, 38.2021, -73.2391



79.8530, 59.7255, -70.0311

Sweetspot

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



76.2480, -29.2093, 82.2205



185.2230, -11.4489, 32.2534



77.5670, 34.2305, 81.0637



90.2860, -7.0430, 19.0432



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.



76.2480, -29.2093, 82.2205



85.7490, -42.2743, 119.4921



120.8600, -51.2030, 43.0958



78.9790, -1.4686, 4.4034



57.1660, -28.1828, 79.6614



7.7410, -3.8163, 10.7511

Inverse Universe

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



110.7520, 29.2093, -82.2205



135.6640, 42.5636, -118.9773



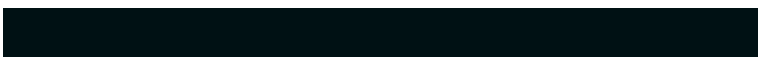
66.1400, 51.2030, -43.0958



81.0210, 1.4686, -4.4034



90.8340, 28.1828, -79.6614



12.2590, 3.8163, -10.7511

Previews

White Background



This preview shows how the YUV color 76.2480, -29.2093, 82.2205 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

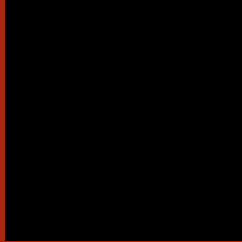
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 76.2480, -29.2093, 82.2205

Background



This preview shows how black text looks on a background with the YUV color 76.2480, -29.2093, 82.2205.



This preview shows how white text looks on a background with the YUV color 76.2480, -29.2093,

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

76.2480, -29.2093, 82.2205

Protanopia

87.2210, -28.7030, 12.9612

Deuteranopia

84.8670, -41.8394, 26.4266



Tritanopia

77.4680, -19.4577, 81.1506

Trichromacy



Original Color

76.2480, -29.2093, 82.2205

Protanomaly

83.0870, -28.6369, 38.5117

Deuteranomaly

81.5520, -37.2471, 46.8739

Tritanomaly

77.1430, -23.2415, 81.4356

Monochromacy



Original Color

76.2480, -29.2093, 82.2205

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

76.1410, -10.4225, 29.6943

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.2480, -29.2093, 82.2205 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(170, 40, 17)` looks like.

```
.text, #text, p{  
  color:rgb(170, 40, 17)  
}
```

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(170, 40, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 40, 17) }
```

Border

The CSS property to change the border of an element to YUV 76.2480, -29.2093, 82.2205 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(170, 40, 17) }
```


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

```
.border{ border-color:rgb(170, 40, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 40, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 40, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 40, 17);  
box-shadow:4px 4px 4px 4px rgb(170, 40,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 76.2480, -29.2093, 82.2205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 40, 17) }
```

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

```
.background{ background-color: rgb(170, 40,  
17) }
```

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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