

Converting Colors

YUV(78.7490, -38.8233,
132.6471)

Have a look what the booklet for
YUV(78.7490, -38.8233, 132.6471)
contains.

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Color

**YUV(78.7490, -38.8233,
132.6471)**

Conversions

Conversions Part 1

Format	Color
Hex	E61100
RGB	230, 17, 0
RGB Percent	90%, 7%, 0%
CMY	0.0980, 0.9333, 1.0000
CMYK	0.00, 0.93, 1.00, 0.10
HSL	4°, 100%, 45%
HSV	4°, 100%, 90%
XYZ	32.8336, 17.2239, 1.5940
YIQ	78.7490, 132.4050, 39.8690

Conversions

Conversions Part 2

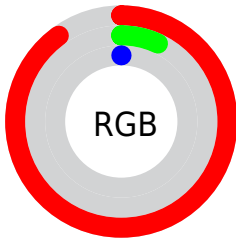
Format	Color
R_{YB}	230, 18, 0
Decimal	15077632
CIE _{Lab}	48.54, 72.64, 62.35
CIE _{LCh}	49, 95.727, 40.643
Yxy	17.2239, 0.6357, 0.3335
Android (android.graphics.Color)	4293267712 (0xFFE61100)
YUV	78.7490, -38.8233, 132.6471
Hunter-Lab	41.5017, 68.5903, 26.7739

Details

The YUV color **78.7490, -38.8233, 132.6471** is a dark color, and the websafe version is hex **FF3300**. The color can be described as dark washed red. A complement of this color would be **151.2510, 38.8233, -132.6471**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.3940, -40.6202, 102.2635**, and **49.0360, -24.1747, 100.8234** is the 20% darker color. If you saturate the color by 10%, you get **78.7490, -38.8233, 132.6471**, and if you desaturate by 10%, it is **93.6980, -34.8541, 119.5369**.

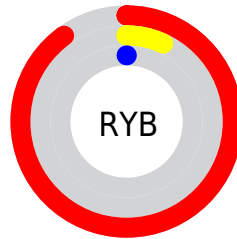
Distribution



Red (90%)

Green (7%)

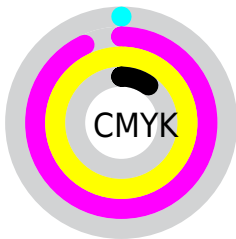
Blue (0%)



Red (90%)

Yellow (7%)

Blue (0%)

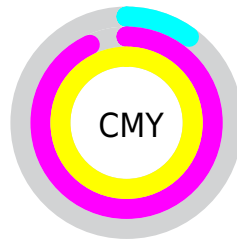


Cyan (0%)

Magenta (93%)

Yellow (100%)

Black (10%)



Cyan (10%)


Magenta (93%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the YUV color 78.7490, -38.8233, 132.6471 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 78.7490, -38.8233, 132.6471 by changing the saturation by 10% instead.


 78.7490, -38.8233,
132.6471

 78.7490, -38.8233,
132.6471


 253.8600, -4.3680,
0.9998

 58.9030, -29.0392,
121.1111


 138.3940,
-40.6202, 102.2635

 49.0360, -24.1747,
100.8234


 158.8540,
-38.3820, 84.3200


 39.1690, -19.3103,
80.5358


 179.4280,
-35.7070, 66.2766

 29.8290, -13.7197,
60.6630

 199.4150,
-32.7426, 48.7480

 21.2720, -9.0081,
42.7345

 220.1030,
-29.6308, 30.6047


 11.1770, -5.0173,
22.6468


 240.9050,


 0.0000, 0.0000,

-26.0822, 12.3613


0.0000


 250.5540,
-17.0351, 3.8991

 78.7490, -38.8233,
132.6471

 93.6980, -34.8541,
119.5369

 109.2340,
-31.1744, 105.9118

 124.1830,
-27.2052, 92.8015

 139.1320,
-23.2361, 79.6912

 154.6680,
-19.5563, 66.0662

■ 169.6170,
-15.5872, 52.9559

■ 184.5660,
-11.6180, 39.8456

■ 199.5150, -7.6489,
26.7353

■ 215.0510, -3.9691,
13.1103

Harmonies

Analogous

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



84.8250, 3.0443, 143.9815



78.7490, -38.8233, 132.6471



107.8350, -53.1627, 65.0427

Triad

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



78.7490, -38.8233, 132.6471



90.9120, -17.2116, -79.7298



98.3360, 77.2354, -86.2407

Complementary

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



78.7490, -38.8233, 132.6471



151.2510, 38.8233, -132.6471

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.



110.6630, 71.1581, -97.0515



78.7490, -38.8233, 132.6471



102.0040, 20.2110, -89.4575

Square

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



78.7490, -38.8233, 132.6471



80.4190, -39.6466, -70.5275



110.8960, 54.2813, -97.2558



113.9790, 62.6214, 28.0824

Rectangle

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



78.7490, -38.8233, 132.6471



107.8920, -53.1908, 27.2817



110.8960, 54.2813, -97.2558



103.6190, 74.6308, -90.8739

Sweetspot

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



78.7490, -38.8233, 132.6471



204.6590, -12.6499, 44.1491



93.2800, 60.0080, 119.9034



97.5150, -7.6489, 26.7353



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



78.7490, -38.8233, 132.6471



87.3980, -43.0872, 146.9870



145.0800, -71.5244, 74.4748



107.1750, -2.0583, 6.8625



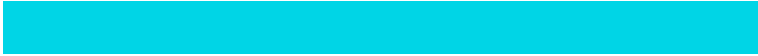
61.1520, -30.1479, 103.3527



17.5970, -8.6753, 29.2944

Inverse Universe

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



151.2510, 38.8233, -132.6471



167.6020, 43.0872, -146.9870



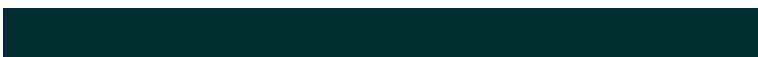
84.9200, 71.5244, -74.4748



110.8250, 2.0583, -6.8625



117.2610, 30.4373, -102.8379



33.4030, 8.6753, -29.2944

Previews

White Background



This preview shows how the YUV color 78.7490, -38.8233, 132.6471 looks on a white background.

Color Contrast Check

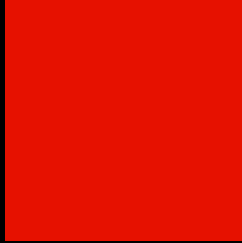
Large Text (above 18pt) WCAG AA ✓ Pass

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 78.7490, -38.8233, 132.6471 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 78.7490, -38.8233, 132.6471

Background



This preview shows how black text looks on a background with the YUV color 78.7490, -38.8233, 132.6471.



This preview shows how white text looks on a background with the YUV color 78.7490, -38.8233,

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



Protanopia

111.1540, -40.5019, 17.4049

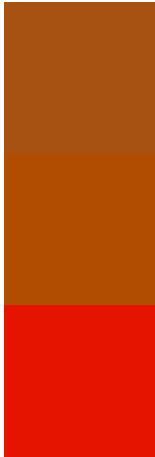
Deuteranopia

109.1100, -53.7912, 33.2295

Tritanopia

80.7980, -39.8334, 129.9732

Trichromacy



Protanomaly

99.5320, -40.1953, 59.1694

Deuteranomaly

98.1220, -48.3741, 69.1760

Tritanomaly

80.2110, -39.5440, 130.4880

Monochromacy



Achromatopsia

79.0000, 0.0000, 0.0000

Achromatomaly

78.6380, -14.1185, 48.5525

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.7490, -38.8233, 132.6471 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(230, 17, 0)` looks like.

```
.text, #text, p{  
    color:rgb(230, 17, 0)  
}
```

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(230, 17, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 17, 0) }
```

Border

The CSS property to change the border of an element to YUV 78.7490, -38.8233, 132.6471 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(230, 17, 0) }
```

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

```
.border{ border-color:rgb(230, 17, 0) }
```

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

Here you see how a box with a 4 pixel rgb(230, 17, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 17, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 17, 0);  
box-shadow:4px 4px 4px 4px rgb(230, 17, 0)  
}
```


Background

The CSS property to change the background color of an element to YUV 78.7490, -38.8233, 132.6471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 17, 0) }
```

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

```
.background{ background-color: rgb(230, 17,  
0) }
```

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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