

Converting Colors

YUV(153.9780, -60.1352,
61.4093)

Have a look what the booklet for
YUV(153.9780, -60.1352, 61.4093)
contains.

YUV(153.9780, -60.1352, 61.4093)	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(153.9780, -60.1352,
61.4093)**

Conversions

Conversions Part 1

Format	Color
Hex	E08E20
RGB	224, 142, 32
RGB Percent	88%, 56%, 13%
CMY	0.1216, 0.4431, 0.8745
CMYK	0.00, 0.37, 0.86, 0.12
HSL	34°, 76%, 50%
HSV	34°, 86%, 88%
XYZ	40.6742, 35.2976, 6.0359
YIQ	153.9780, 84.1820, -16.8260

Conversions

Conversions Part 2

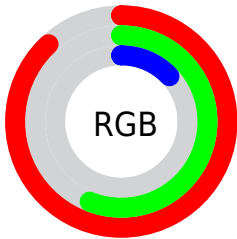
Format	Color
RYB	175, 224, 32
Decimal	14716448
CIELab	65.98, 23.43, 65.09
CIELCh	66, 69.173, 70.204
Yxy	35.2976, 0.4960, 0.4304
Android (android.graphics.Color)	4292906528 (0xFFE08E20)
YUV	153.9780, -60.1352, 61.4093
Hunter-Lab	59.4118, 18.2332, 35.5648

Details

The YUV color **153.9780, -60.1352, 61.4093** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **102.0220, 60.1352, -61.4093**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.4430, -55.4344, 46.9695**, and **102.1540, -50.3619, 53.3619** is the 20% darker color. If you saturate the color by 10%, you get **145.6000, -66.8508, 68.7568**, and if you desaturate by 10%, it is **162.3560, -53.4195, 54.0618**.

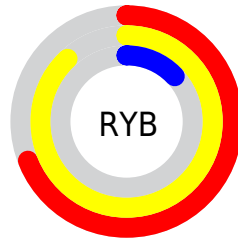
Distribution



Red (88%)

Green (56%)

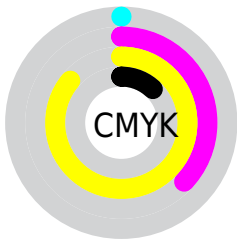
Blue (13%)



Red (69%)

Yellow (88%)

Blue (13%)

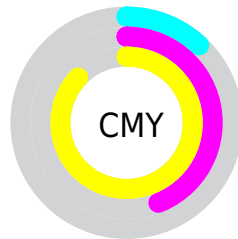


Cyan (0%)

Magenta (37%)

Yellow (86%)

Black (12%)



Cyan (12%)

Magenta (44%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.9780, -60.1352, 61.4093 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 153.9780, -60.1352, 61.4093 by changing the saturation by 10% instead.

153.9780,
-60.1352, 61.4093

153.9780,
-60.1352, 61.4093

255.0000, 0.0000,
0.0000

125.7990,
-62.0189, 58.9353

201.4430,
-55.4344, 46.9695

102.1540,
-50.3619, 53.3619

220.8430,
-52.1806, 29.9557

79.6830, -39.2837,
46.7590

241.0580,
-48.3426, 12.2271

57.5110, -28.3529,
40.7709

245.3100,
-37.1278, 8.4981

35.9260, -17.7115,
34.2679

248.6160,
-24.4607, 5.5988

15.2380, -7.5123,
29.6093

251.9220,

4.4850, -2.2111,

-11.7935, 2.6994

9.2217

■ 0.0000, 0.0000,
0.0000

■ 153.9780,
-60.1352, 61.4093

■ 153.9780,
-60.1352, 61.4093

■ 145.6000,
-66.8508, 68.7568

■ 162.3560,
-53.4195, 54.0618

■ 142.1120,
-70.0612, 71.8158

■ 170.2610,
-45.9777, 47.1291

■ 178.6390,
-39.2620, 39.7816

■ 186.5440,
-31.8202, 32.8489

■ 194.9220,
-25.1045, 25.5014

■ 202.7130,
-18.0995, 18.6687

■ 211.2050,
-10.9471, 11.2212

■ 219.5830, -4.2314,
3.8737

■ 227.4880, 3.2104,
-3.0590

Harmonies

Analogous

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



153.7990, -34.9039, 88.7533



153.9780, -60.1352, 61.4093



147.9670, -70.4827, 20.1999

Triad

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



153.9780, -60.1352, 61.4093



131.4630, 23.9287, -115.2931



164.5380, 44.5978, 22.3302

Complementary

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



153.9780, -60.1352, 61.4093



102.0220, 60.1352, -61.4093

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.



139.4350, 56.9735, -74.0495



153.9780, -60.1352, 61.4093



137.0150, 50.2786, -120.1622

Square

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



153.9780, -60.1352, 61.4093



122.9930, -3.4475, -107.8649



133.5560, 59.8719, -117.1286



160.8150, 21.2902, 78.2152

Rectangle

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



153.9780, -60.1352, 61.4093



145.3290, -52.9132, -15.1975



133.5560, 59.8719, -117.1286



161.1390, 46.2735, -1.8759

Sweetspot

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



153.9780, -60.1352, 61.4093



231.0400, -20.7257, 21.0129



98.8700, 7.9521, 109.7390



113.4610, -12.5523, 12.7507



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.



153.9780, -60.1352, 61.4093



161.9470, -79.8399, 81.6075



198.2250, -81.9489, 11.2037



107.8110, -3.3578, 3.6738



111.9110, -55.1721, 56.2061



30.7880, -15.1785, 15.0949

Inverse Universe

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



102.0220, 60.1352, -61.4093



93.0530, 79.8399, -81.6075



57.7750, 81.9489, -11.2037



105.1890, 3.3578, -3.6738



64.0890, 55.1721, -56.2061



17.7990, 14.8891, -15.6097

Previews

White Background



This preview shows how the YUV color 153.9780, -60.1352, 61.4093 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 153.9780, -60.1352, 61.4093 looks on a black 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 ✓ Pass

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

YUV 153.9780, -60.1352, 61.4093

Background



This preview shows how black text looks on a background with the YUV color 153.9780, -60.1352, 61.4093.



This preview shows how white text looks on a background with the YUV color 153.9780, -60.1352, 61.4093.

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

153.9780, -60.1352, 61.4093

Protanopia

152.8440, -57.1111, 24.6928

Deuteranopia

152.7710, -62.9911, 44.0508



Tritanopia

162.1430, -9.9305, 58.6336

Trichromacy



Original Color

153.9780, -60.1352, 61.4093

Protanomaly

153.2910, -58.3175, 38.3328

Deuteranomaly

153.1570, -61.7024, 50.7283

Tritanomaly

159.3330, -28.2652, 59.3440

Monochromacy



Original Color

153.9780, -60.1352, 61.4093

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.1110, -21.7467, 21.8277

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.9780, -60.1352, 61.4093 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(224, 142, 32)` looks like.

```
.text, #text, p{  
    color:rgb(224, 142, 32)  
}
```

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(224, 142, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 142, 32) }
```

Border

The CSS property to change the border of an element to YUV 153.9780, -60.1352, 61.4093 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(224, 142, 32) }
```


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

```
.border{ border-color:rgb(224, 142, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 142, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 142, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 142, 32);  
box-shadow:4px 4px 4px 4px rgb(224, 142,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 153.9780, -60.1352, 61.4093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 142, 32) }
```

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

```
.background{ background-color: rgb(224,  
142, 32) }
```

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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