

Converting Colors

YUV(155.7520, -67.4187,
64.2385)

Have a look what the booklet for
YUV(155.7520, -67.4187, 64.2385)
contains.

YUV(155.7520, -67.4187, 64.2385)	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(155.7520, -67.4187,
64.2385)**

Conversions

Conversions Part 1

Format	Color
Hex	E59113
RGB	229, 145, 19
RGB Percent	90%, 57%, 7%
CMY	0.1020, 0.4314, 0.9255
CMYK	0.00, 0.37, 0.92, 0.10
HSL	36°, 85%, 49%
HSV	36°, 92%, 90%
XYZ	42.5560, 36.9558, 5.5063
YIQ	155.7520, 90.5100, -21.3780

Conversions

Conversions Part 2

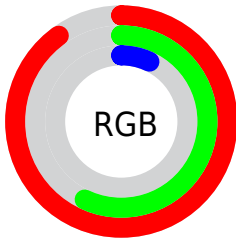
Format	Color
RYB	159, 229, 19
Decimal	15044883
CIELab	67.24, 23.70, 69.56
CIELCh	67, 73.491, 71.185
Yxy	36.9558, 0.5006, 0.4347
Android (android.graphics.Color)	4293234963 (0xFFE59113)
YUV	155.7520, -67.4187, 64.2385
Hunter-Lab	60.7913, 18.5715, 37.1836

Details

The YUV color **155.7520, -67.4187, 64.2385** 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 **92.2480, 67.4187, -64.2385**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.2920, -59.7970, 46.2249**, and **105.1110, -51.8197, 54.2767** is the 20% darker color. If you saturate the color by 10%, you get **148.8900, -73.4028, 70.2565**, and if you desaturate by 10%, it is **163.6570, -59.9769, 57.3058**.

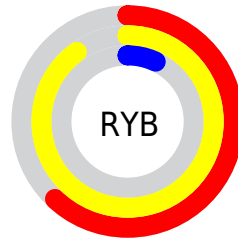
Distribution



Red (90%)

Green (57%)

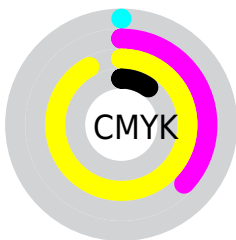
Blue (7%)



Red (62%)

Yellow (90%)

Blue (7%)

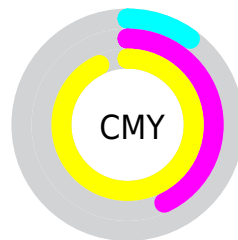


Cyan (0%)

Magenta (37%)

Yellow (92%)

Black (10%)



Cyan (10%)

Magenta (43%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 155.7520, -67.4187, 64.2385 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 155.7520, -67.4187, 64.2385 by changing the saturation by 10% instead.

155.7520,
-67.4187, 64.2385

155.7520,
-67.4187, 64.2385

255.0000, 0.0000,
0.0000

129.0550,
-63.6241, 60.4648

202.2920,
-59.7970, 46.2249

105.1110,
-51.8197, 54.2767

221.9200,
-55.6696, 29.0112

82.0530, -40.4521,
48.1885

241.4340,
-51.9790, 11.8974

59.8810, -29.5213,
42.2004

244.6260,
-39.7486, 9.0980

38.2960, -18.8799,
35.6974

247.9320,
-27.0815, 6.1986

17.3090, -8.5333,
30.4240

251.1240,

7.2900, -3.1010,

-14.8511, 3.3993

14.6547

254.5440, -1.7472,
0.3999

■ 0.0000, 0.0000,
0.0000

■ 155.7520,
-67.4187, 64.2385

■ 155.7520,
-67.4187, 64.2385

■ 148.8900,
-73.4028, 70.2565

■ 163.6570,
-59.9769, 57.3058

■ 171.5620,
-52.5351, 50.3731

■ 179.4670,
-45.0932, 43.4404

■ 187.9590,
-37.9408, 35.9930

■ 195.8640,
-30.4990, 29.0603

■ 203.6550,
-23.4939, 22.2276

■ 211.5600,
-16.0521, 15.2949

■ 219.4650, -8.6102,
8.3622

■ 227.3700, -1.1684,
1.4295

Harmonies

Analogous

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



153.3430, -36.6511, 89.1532



155.7520, -67.4187, 64.2385



150.0440, -73.9717, 19.2554

Triad

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



155.7520, -67.4187, 64.2385



135.1960, 25.5394, -118.5669



166.9300, 43.4185, 27.2484

Complementary

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



155.7520, -67.4187, 64.2385



92.2480, 67.4187, -64.2385

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.



139.4020, 56.9898, -79.2826



155.7520, -67.4187, 64.2385



141.2040, 53.6364, -123.8359

Square

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



155.7520, -67.4187, 64.2385



126.1560, -4.0209, -110.6388



135.9040, 58.7143, -119.1878



161.5920, 22.8791, 81.9188

Rectangle

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



155.7520, -67.4187, 64.2385



146.2810, -56.8335, -17.7864



135.9040, 58.7143, -119.1878



163.5200, 45.0996, 1.2980

Sweetspot

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



155.7520, -67.4187, 64.2385



229.8830, -22.6203, 22.0276



91.3660, 5.7356, 120.7050



112.4180, -14.0101, 13.6654



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.



155.7520, -67.4187, 64.2385



166.0560, -81.8656, 78.0039



198.7810, -88.6320, 8.0851



110.6970, -3.7946, 3.7737



116.3300, -57.3507, 54.9616



33.4460, -16.4889, 15.3949

Inverse Universe

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



92.2480, 67.4187, -64.2385



88.9440, 81.8656, -78.0039



49.2190, 88.6320, -8.0851



107.3030, 3.7946, -3.7737



62.0830, 57.6401, -54.4468



17.5540, 16.4889, -15.3949

Previews

White Background



This preview shows how the YUV color 155.7520, -67.4187, 64.2385 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 155.7520, -67.4187, 64.2385 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 155.7520, -67.4187, 64.2385 Background



This preview shows how black text looks on a background with the YUV color 155.7520, -67.4187, 64.2385.



This preview shows how white text looks on a background with the YUV color 155.7520, -67.4187,

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

155.7520, -67.4187, 64.2385

Protanopia

155.0200, -64.0999, 26.2925

Deuteranopia

153.7640, -75.8057, 47.5650



Tritanopia

166.0400, -10.3727, 60.4779

Trichromacy



Original Color

155.7520, -67.4187, 64.2385

Protanomaly

155.4670, -65.3062, 39.9324

Deuteranomaly

154.6060, -72.7698, 53.8425

Tritanomaly

162.5460, -31.3282, 61.7882

Monochromacy



Original Color

155.7520, -67.4187, 64.2385

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.0250, -24.6623, 23.6571

CSS Examples

Text

The CSS property to change the color of the text to YUV 155.7520, -67.4187, 64.2385 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(229, 145, 19)` looks like.

```
.text, #text, p{  
    color:rgb(229, 145, 19)  
}
```

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(229, 145, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 145, 19) }
```

Border

The CSS property to change the border of an element to YUV 155.7520, -67.4187, 64.2385 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(229, 145, 19) }
```


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

```
.border{ border-color:rgb(229, 145, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 145, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 145, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 145, 19);  
box-shadow:4px 4px 4px 4px rgb(229, 145,  
19) }
```

Background

The CSS property to change the background color of an element to YUV 155.7520, -67.4187, 64.2385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 145, 19) }
```

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

```
.background{ background-color: rgb(229,  
145, 19) }
```

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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