

Converting Colors

YUV(157.9230, -19.6820,
59.7035)

Have a look what the booklet for
YUV(157.9230, -19.6820, 59.7035)
contains.

YUV(157.9230, -19.6820, 59.7035)	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(157.9230, -19.6820,
59.7035)**

Conversions

Conversions Part 1

Format	Color
Hex	E28376
RGB	226, 131, 118
RGB Percent	89%, 51%, 46%
CMY	0.1137, 0.4863, 0.5373
CMYK	0.00, 0.42, 0.48, 0.11
HSL	7°, 65%, 67%
HSV	7°, 48%, 89%
XYZ	42.7503, 33.7094, 21.3929
YIQ	157.9230, 60.7930, 16.0970

Conversions

Conversions Part 2

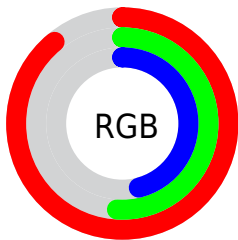
Format	Color
R _Y B	226, 133, 118
Decimal	14844790
CIE Lab	64.73, 35.11, 22.92
CIE LCh	65, 41.933, 33.137
Yxy	33.7094, 0.4369, 0.3445
Android (android.graphics.Color)	4293034870 (0xFFE28376)
YUV	157.9230, -19.6820, 59.7035
Hunter-Lab	58.0598, 29.8279, 18.7956

Details

The YUV color **157.9230, -19.6820, 59.7035** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **186.0770, 19.6820, -59.7035**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.2200, -16.8705, 44.5341**, and **104.8730, -17.1924, 54.4854** is the 20% darker color. If you saturate the color by 10%, you get **143.5610, -23.9406, 72.2990**, and if you desaturate by 10%, it is **172.2850, -15.4235, 47.1081**.

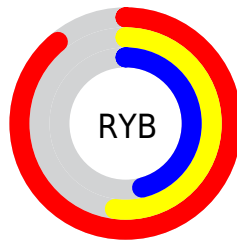
Distribution



Red (89%)

Green (51%)

Blue (46%)



Red (89%)

Yellow (52%)

Blue (46%)

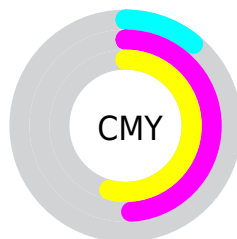


Cyan (0%)

Magenta (42%)

Yellow (48%)

Black (11%)



Cyan (11%)

Magenta (49%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.9230, -19.6820, 59.7035 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 157.9230, -19.6820, 59.7035 by changing the saturation by 10% instead.

157.9230,
-19.6820, 59.7035

157.9230,
-19.6820, 59.7035

255.0000, 0.0000,
0.0000

130.8410,
-18.6556, 57.1444

204.2200,
-16.8705, 44.5341

104.8730,
-17.1924, 54.4854

223.8480,
-12.7431, 27.3203

78.9050, -15.7292,
51.8263

244.0630, -8.9051,
9.5917

53.4640, -13.5398,
49.5821

254.8860, -0.4368,
0.1000

25.4040, -12.5242,
50.5117

16.7440, -8.2548,
34.4275

7.5890, -3.2484,

15.2694

■ 0.0000, 0.0000,
0.0000

■ 157.9230,
-19.6820, 59.7035

■ 157.9230,
-19.6820, 59.7035

■ 143.5610,
-23.9406, 72.2990

■ 172.2850,
-15.4235, 47.1081

■ 129.3130,
-27.7623, 84.7945

■ 186.5330,
-11.6018, 34.6126

■ 114.9510,
-32.0208, 97.3900

■ 200.8950, -7.3432,
22.0171

■ 100.7030,
-35.8426, 109.8855

■ 215.1430, -3.5215,
9.5216

■ 86.9280, -40.3905,
121.9661

■ 228.9180, 1.0264,
-2.5591

■ 83.4230, -41.1275,
125.0400

■ 243.2800, 5.2850,
-15.1546

■ 246.3290, 4.2748,
-17.8285

Harmonies

Analogous

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



159.3910, -2.6578, 59.2931



157.9230, -19.6820, 59.7035



156.5070, -32.2950, 45.1594

Triad

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



157.9230, -19.6820, 59.7035



142.9560, -10.3313, -46.4424



151.4640, 39.7042, -41.6259

Complementary

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



157.9230, -19.6820, 59.7035



186.0770, 19.6820, -59.7035

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.



125.2120, 48.2095, -109.8109



157.9230, -19.6820, 59.7035



122.1390, 18.6655, -107.1159

Square

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



157.9230, -19.6820, 59.7035



149.4800, -28.3376, -10.9450



125.1830, 35.4058, -109.7855



160.4160, 29.3749, 4.8972

Rectangle

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



157.9230, -19.6820, 59.7035



154.7840, -35.8825, 29.1304



125.1830, 35.4058, -109.7855



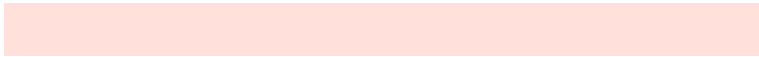
145.0380, 42.3793, -59.6693

Sweetspot

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



157.9230, -19.6820, 59.7035



232.6990, -6.7536, 19.5580



161.1220, 25.5759, 56.8980



113.7520, -3.8217, 12.4955



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.



157.9230, -19.6820, 59.7035



163.3340, -26.2937, 80.3911



189.6210, -35.3092, 31.9044



104.8760, -1.9109, 6.2477



64.9510, -32.0208, 97.3900



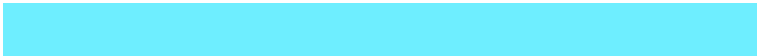
17.8740, -8.8119, 26.4205

Inverse Universe

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



186.0770, 19.6820, -59.7035



201.6660, 26.2937, -80.3911



154.3790, 35.3092, -31.9044



108.1240, 1.9109, -6.2477



111.0490, 32.0208, -97.3900



30.7130, 8.5225, -26.9353

Previews

White Background



This preview shows how the YUV color 157.9230, -19.6820, 59.7035 looks on a white background.

Color Contrast Check

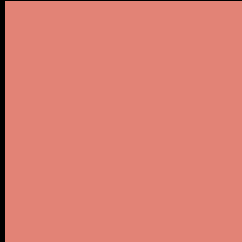
Large Text (above 18pt) WCAG AA × Fail

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 157.9230, -19.6820, 59.7035 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 157.9230, -19.6820, 59.7035

Background



This preview shows how black text looks on a background with the YUV color 157.9230, -19.6820, 59.7035.



This preview shows how white text looks on a background with the YUV color 157.9230, -19.6820,

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

157.9230, -19.6820, 59.7035

Protanopia

156.6130, -13.1202, 8.2324

Deuteranopia

157.5460, -21.4682, 25.8312



Tritanopia

159.0400, -10.3727, 60.4779

Trichromacy



Original Color

157.9230, -19.6820, 59.7035

Protanomaly

157.4520, -15.5058, 26.7906

Deuteranomaly

157.7370, -21.0693, 37.9417

Tritanomaly

158.5300, -13.5723, 60.0482

Monochromacy



Original Color

157.9230, -19.6820, 59.7035

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.8950, -7.3432, 22.0171

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.9230, -19.6820, 59.7035 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(226, 131, 118)` looks like.

```
.text, #text, p{  
    color:rgb(226, 131, 118)  
}
```

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(226, 131, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 131, 118) }
```

Border

The CSS property to change the border of an element to YUV 157.9230, -19.6820, 59.7035 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(226, 131, 118) }
```


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

```
.border{ border-color:rgb(226, 131, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 131, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 131, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 131, 118);  
box-shadow:4px 4px 4px 4px rgb(226, 131,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 157.9230, -19.6820, 59.7035 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 131, 118) }
```

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

```
.background{ background-color: rgb(226,  
131, 118) }
```

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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