

Converting Colors

YUV(158.3360, -19.3926,
60.2183)

Have a look what the booklet for
YUV(158.3360, -19.3926, 60.2183)
contains.

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Color

**YUV(158.3360, -19.3926,
60.2183)**

Conversions

Conversions Part 1

Format	Color
Hex	E38377
RGB	227, 131, 119
RGB Percent	89%, 51%, 47%
CMY	0.1098, 0.4863, 0.5333
CMYK	0.00, 0.42, 0.48, 0.11
HSL	7°, 66%, 68%
HSV	7°, 48%, 89%
XYZ	43.1246, 33.8954, 21.7223
YIQ	158.3360, 61.0680, 16.6200

Conversions

Conversions Part 2

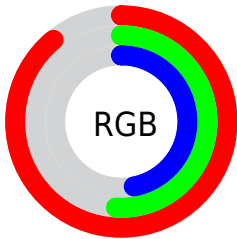
Format	Color
R_{YB}	227, 133, 119
Decimal	14910327
CIE _{Lab}	64.88, 35.59, 22.58
CIE _{LCh}	65, 42.150, 32.398
Yxy	33.8954, 0.4367, 0.3433
Android (android.graphics.Color)	4293100407 (0xFFE38377)
YUV	158.3360, -19.3926, 60.2183
Hunter-Lab	58.2198, 30.3342, 18.6322

Details

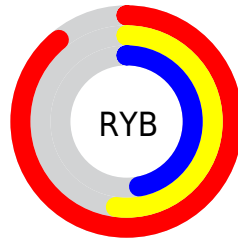
The YUV color **158.3360, -19.3926, 60.2183** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **187.6640, 19.3926, -60.2183**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.3340, -16.4337, 44.4341**, and **105.2860, -16.9030, 55.0002** is the 20% darker color. If you saturate the color by 10%, you get **143.9740, -23.6512, 72.8138**, and if you desaturate by 10%, it is **172.6980, -15.1341, 47.6229**.

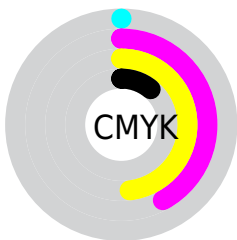
Distribution



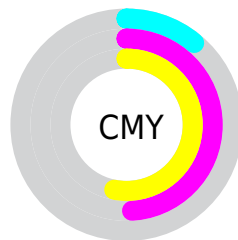
- Red (89%)
- Green (51%)
- Blue (47%)



- Red (89%)
- Yellow (52%)
- Blue (47%)



- Cyan (0%)
- Magenta (42%)
- Yellow (48%)
- Black (11%)



- Cyan (11%)
- Magenta (49%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.3360, -19.3926, 60.2183 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 158.3360, -19.3926, 60.2183 by changing the saturation by 10% instead.

■ 158.3360,
-19.3926, 60.2183

■ 158.3360,
-19.3926, 60.2183

■ 255.0000, 0.0000,
0.0000

■ 131.2540,
-18.3662, 57.6592

■ 204.3340,
-16.4337, 44.4341

■ 105.2860,
-16.9030, 55.0002

■ 223.9620,
-12.3063, 27.2203

■ 79.3180, -15.4398,
52.3411

■ 244.1770, -8.4683,
9.4918

■ 53.8770, -13.2504,
50.0969

■ 25.2300, -11.9454,
51.5413

■ 17.0430, -8.4022,
35.0423

■ 8.1870, -3.5432,

16.4990

■ 0.0000, 0.0000,
0.0000

■ 158.3360,
-19.3926, 60.2183

■ 158.3360,
-19.3926, 60.2183

■ 143.9740,
-23.6512, 72.8138

■ 172.6980,
-15.1341, 47.6229

■ 129.7260,
-27.4729, 85.3093

■ 186.9460,
-11.3124, 35.1274

■ 114.7770,
-31.4421, 98.4196

■ 201.8950, -7.3432,
22.0171

■ 100.4150,
-35.7006, 111.0150

■ 216.2570, -3.0847,
9.4216

■ 86.1670, -39.5223,
123.5105

■ 230.6190, 1.1738,
-3.1739

■ 82.5480, -40.6962,
126.6844

■ 244.8670, 4.9956,
-15.6694

■ 246.6280, 4.1274,
-17.2138

Harmonies

Analogous

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



160.2060, -2.0736, 58.5783



158.3360, -19.3926, 60.2183



156.8060, -32.4424, 45.7741

Triad

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



158.3360, -19.3926, 60.2183



143.1410, -10.9155, -45.7277



150.8660, 39.9991, -42.8555

Complementary

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



158.3360, -19.3926, 60.2183



187.6640, 19.3926, -60.2183

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



158.3360, -19.3926, 60.2183



122.0250, 18.2287, -107.0159

Square

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



158.3360, -19.3926, 60.2183



150.0780, -28.6325, -9.7154



125.7700, 35.1164, -110.3003



160.2310, 29.9591, 4.1824

Rectangle

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



158.3360, -19.3926, 60.2183



155.0830, -36.0299, 29.7452



125.7700, 35.1164, -110.3003



145.1410, 42.8215, -61.5137

Sweetspot

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



158.3360, -19.3926, 60.2183



232.1120, -6.4642, 20.0728



162.3500, 26.4495, 56.6981



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.



158.3360, -19.3926, 60.2183



162.7470, -26.0043, 80.9059



189.4470, -34.7304, 32.9340



107.7620, -2.3477, 6.3477



65.2610, -32.1737, 99.7491



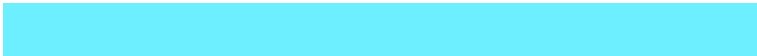
18.7710, -9.2541, 28.2648

Inverse Universe

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



187.6640, 19.3926, -60.2183



202.2530, 26.0043, -80.9059



156.5530, 34.7304, -32.9340



110.2380, 2.3477, -6.3477



113.7390, 32.1737, -99.7491



32.2290, 9.2541, -28.2648

Previews

White Background



This preview shows how the YUV color 158.3360, -19.3926, 60.2183 looks on a white background.

Color Contrast Check

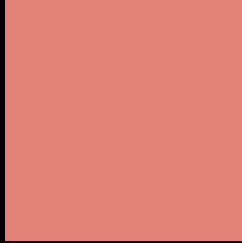
Large Text (above 18pt) WCAG AA × Fail

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 158.3360, -19.3926, 60.2183 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 158.3360, -19.3926, 60.2183

Background



This preview shows how black text looks on a background with the YUV color 158.3360, -19.3926, 60.2183.



This preview shows how white text looks on a background with the YUV color 158.3360, -19.3926, 60.2183.

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

158.3360, -19.3926, 60.2183

Protanopia

157.0260, -12.8308, 8.7472

Deuteranopia

157.6600, -21.0314, 25.7312



Tritanopia

159.0400, -10.3727, 60.4779

Trichromacy



Original Color

158.3360, -19.3926, 60.2183

Protanomaly

157.8650, -15.2164, 27.3054

Deuteranomaly

158.1500, -20.7799, 38.4565

Tritanomaly

158.8290, -13.7197, 60.6630

Monochromacy



Original Color

158.3360, -19.3926, 60.2183

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.0090, -6.9064, 21.9171

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.3360, -19.3926, 60.2183 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(227, 131, 119)` looks like.

```
.text, #text, p{  
    color:rgb(227, 131, 119)  
}
```

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(227, 131, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 131, 119) }
```

Border

The CSS property to change the border of an element to YUV 158.3360, -19.3926, 60.2183 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(227, 131, 119) }
```


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

```
.border{ border-color:rgb(227, 131, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 131, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 131, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 131, 119);  
box-shadow:4px 4px 4px 4px rgb(227, 131,  
119) }
```

Background

The CSS property to change the background color of an element to YUV 158.3360, -19.3926, 60.2183 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 131, 119) }
```

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

```
.background{ background-color: rgb(227,  
131, 119) }
```

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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