

Converting Colors

YUV(158.5490, -19.0047,
75.8175)

Have a look what the booklet for
YUV(158.5490, -19.0047, 75.8175)
contains.

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Color

**YUV(158.5490, -19.0047,
75.8175)**

Conversions

Conversions Part 1

Format	Color
Hex	F57A78
RGB	245, 122, 120
RGB Percent	96%, 48%, 47%
CMY	0.0392, 0.5216, 0.5294
CMYK	0.00, 0.50, 0.51, 0.04
HSL	1°, 86%, 72%
HSV	1°, 51%, 96%
XYZ	48.0059, 34.6876, 21.9345
YIQ	158.5490, 73.9500, 25.4540

Conversions

Conversions Part 2

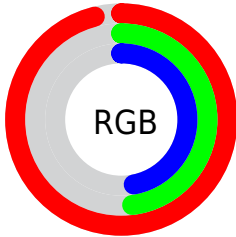
Format	Color
R_{YB}	245, 122, 120
Decimal	16087672
CIE _{Lab}	65.50, 46.88, 23.28
CIE _{LCh}	66, 52.339, 26.413
Yxy	34.6876, 0.4588, 0.3315
Android (android.graphics.Color)	4294277752 (0xFFFF57A78)
YUV	158.5490, -19.0047, 75.8175
Hunter-Lab	58.8962, 42.4258, 19.1462

Details

The YUV color **158.5490, -19.0047, 75.8175** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **206.4510, 19.0047, -75.8175**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.7520, -13.6817, 48.4525**, and **103.7270, -15.6414, 70.3994** is the 20% darker color. If you saturate the color by 10%, you get **141.7250, -22.5424, 90.5722**, and if you desaturate by 10%, it is **175.4870, -15.0301, 60.9629**.

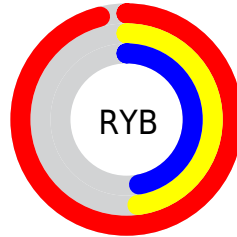
Distribution



Red (96%)

Green (48%)

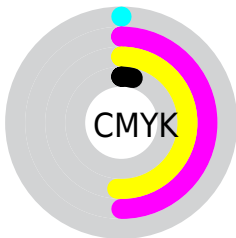
Blue (47%)



Red (96%)

Yellow (48%)

Blue (47%)

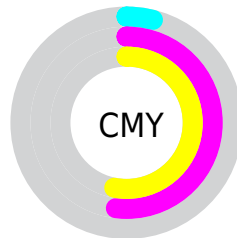


Cyan (0%)

Magenta (50%)

Yellow (51%)

Black (4%)



Cyan (4%)

Magenta (52%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.5490, -19.0047, 75.8175 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 158.5490, -19.0047, 75.8175 by changing the saturation by 10% instead.

■ 158.5490,
-19.0047, 75.8175

■ 158.5490,
-19.0047, 75.8175

■ 255.0000, 0.0000,
0.0000

■ 130.5810,
-17.5414, 73.1585

■ 199.7520,
-13.6817, 48.4525

■ 103.7270,
-15.6414, 70.3994

■ 219.3800, -9.5543,
31.2387

■ 75.6990, -13.1626,
68.6700

■ 239.5950, -5.7163,
13.5102

■ 44.0890, -7.9319,
70.9589

■ 29.0460, -12.8407,
58.7187

■ 20.3320, -10.0237,
41.8048

■ 12.3730, -5.6069,

25.1059

■ 0.0000, 0.0000,
0.0000

■ 158.5490,
-19.0047, 75.8175

■ 158.5490,
-19.0047, 75.8175

■ 141.7250,
-22.5424, 90.5722

■ 175.4870,
-15.0301, 60.9629

■ 124.7870,
-26.5170, 105.4268

■ 192.3110,
-11.4923, 46.2083

■ 107.9630,
-30.0548, 120.1814

■ 209.2490, -7.5178,
31.3536

■ 91.0250, -34.0293,
135.0361

■ 226.0730, -3.9800,
16.5990

■ 75.6030, -37.2723,
148.5612

■ 243.5980, -0.2948,
1.2296

252.0100, 1.4741,
-6.1478

Harmonies

Analogous

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



161.2490, 2.8352, 70.8186



158.5490, -19.0047, 75.8175



157.3410, -37.1431, 60.2139

Triad

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



158.5490, -19.0047, 75.8175



141.8710, -18.1774, -49.8759



137.5320, 56.4327, -87.2896

Complementary

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



158.5490, -19.0047, 75.8175



206.4510, 19.0047, -75.8175

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.



130.8030, 51.8621, -114.7142



158.5490, -19.0047, 75.8175



124.1620, 13.7241, -108.8901

Square

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



158.5490, -19.0047, 75.8175



150.3530, -39.1210, -5.5716



129.5200, 34.2536, -113.5890



160.6130, 40.6168, -7.5536

Rectangle

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



158.5490, -19.0047, 75.8175



155.8690, -44.7984, 42.2109



129.5200, 34.2536, -113.5890



128.2900, 60.0030, -112.5103

Sweetspot

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



158.5490, -19.0047, 75.8175



228.3620, -5.6015, 23.3615



171.6250, 36.1739, 64.3499



111.8770, -3.3904, 14.1399



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.



158.5490, -19.0047, 75.8175



147.4050, -23.8637, 94.3608



194.3560, -36.6575, 44.4148



113.5880, -1.7689, 7.3773



57.3750, -28.2859, 112.8041



18.2280, -8.9864, 35.7570

Inverse Universe

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



206.4510, 19.0047, -75.8175



207.1820, 23.5743, -94.8756



171.2310, 36.3681, -44.9296



118.4120, 1.7689, -7.3773



128.6250, 28.2859, -112.8041



40.7720, 8.9864, -35.7570

Previews

White Background



This preview shows how the YUV color 158.5490, -19.0047, 75.8175 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 158.5490, -19.0047, 75.8175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

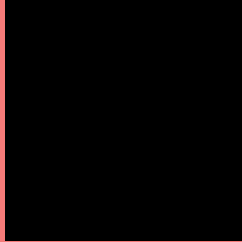
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.5490, -19.0047, 75.8175

Background



This preview shows how black text looks on a background with the YUV color 158.5490, -19.0047, 75.8175.



This preview shows how white text looks on a background with the YUV color 158.5490, -19.0047,

75.8175.

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

158.5490, -19.0047, 75.8175

Protanopia

158.8840, -10.7888, 7.1177

Deuteranopia

159.4320, -21.9050, 25.9311



Tritanopia

159.2870, -14.9315, 76.0473

Trichromacy



Original Color

158.5490, -19.0047, 75.8175

Protanomaly

158.9410, -13.7749, 31.6237

Deuteranomaly

159.1830, -20.7962, 43.6895

Tritanomaly

158.9450, -16.2419, 76.3472

Monochromacy



Original Color

158.5490, -19.0047, 75.8175

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.0420, -6.9227, 27.1502

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.5490, -19.0047, 75.8175 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(245, 122, 120)` looks like.

```
.text, #text, p{  
    color:rgb(245, 122, 120)  
}
```

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(245, 122, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 122, 120) }
```

Border

The CSS property to change the border of an element to YUV 158.5490, -19.0047, 75.8175 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(245, 122, 120) }
```


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

```
.border{ border-color:rgb(245, 122, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 122, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 122, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 122, 120);  
box-shadow:4px 4px 4px 4px rgb(245, 122,  
120) }
```

Background

The CSS property to change the background color of an element to YUV 158.5490, -19.0047, 75.8175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 122, 120) }
```

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

```
.background{ background-color: rgb(245,  
122, 120) }
```

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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