

Converting Colors

YUV(158.1240, -17.8091,
65.6663)

Have a look what the booklet for
YUV(158.1240, -17.8091, 65.6663)
contains.

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Color

**YUV(158.1240, -17.8091,
65.6663)**

Conversions

Conversions Part 1

Format	Color
Hex	E97F7A
RGB	233, 127, 122
RGB Percent	91%, 50%, 48%
CMY	0.0863, 0.5020, 0.5216
CMYK	0.00, 0.45, 0.48, 0.09
HSL	3°, 72%, 70%
HSV	3°, 48%, 91%
XYZ	44.7065, 33.9075, 22.6009
YIQ	158.1240, 64.7810, 20.9170

Conversions

Conversions Part 2

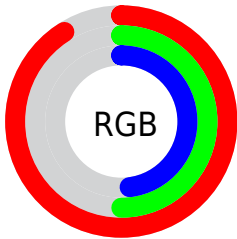
Format	Color
R _Y B	233, 127, 122
Decimal	15302522
CIE Lab	64.89, 40.19, 21.05
CIE LCh	65, 45.366, 27.640
Yxy	33.9075, 0.4417, 0.3350
Android (android.graphics.Color)	4293492602 (0xFFE97F7A)
YUV	158.1240, -17.8091, 65.6663
Hunter-Lab	58.2302, 35.1415, 17.7489

Details

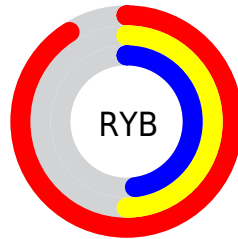
The YUV color **158.1240, -17.8091, 65.6663** is a light color, and the websafe version is hex **CC6666**. A complement of this color would be **196.8760, 17.8091, -65.6663**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.3280, -13.9657, 46.1933**, and **104.3730, -15.4669, 61.0629** is the 20% darker color. If you saturate the color by 10%, you get **142.5880, -21.4889, 79.2913**, and if you desaturate by 10%, it is **173.6600, -14.1294, 52.0412**.

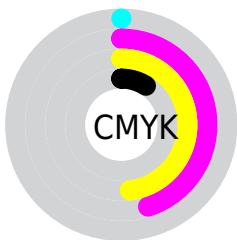
Distribution



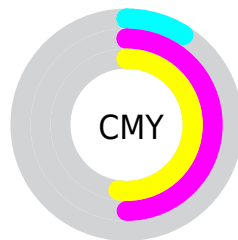
- Red (91%)
- Green (50%)
- Blue (48%)



- Red (91%)
- Yellow (50%)
- Blue (48%)



- Cyan (0%)
- Magenta (45%)
- Yellow (48%)
- Black (9%)



- Cyan (9%)
- Magenta (50%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.1240, -17.8091, 65.6663 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 158.1240, -17.8091, 65.6663 by changing the saturation by 10% instead.

■ 158.1240,
-17.8091, 65.6663

■ 158.1240,
-17.8091, 65.6663

■ 255.0000, 0.0000,
0.0000

■ 131.0420,
-16.7827, 63.1072

■ 202.3280,
-13.9657, 46.1933

■ 104.3730,
-15.4669, 61.0629

■ 222.5430,
-10.1277, 28.4648

■ 77.6330, -13.1301,
58.2039

■ 242.1710, -6.0003,
11.2510

■ 51.0180, -10.3619,
56.9892

■ 26.9960, -10.3510,
53.5005

■ 18.2390, -8.9918,
37.5014

■ 9.6820, -4.2802,

19.5729

■ 0.0000, 0.0000,
0.0000

■ 158.1240,
-17.8091, 65.6663

■ 158.1240,
-17.8091, 65.6663

■ 142.5880,
-21.4889, 79.2913

■ 173.6600,
-14.1294, 52.0412

■ 126.3510,
-25.3160, 93.5312

■ 189.8970,
-10.3022, 37.8013

■ 110.8150,
-28.9958, 107.1562

■ 205.4330, -6.6225,
24.1763

■ 95.2790, -32.6755,
120.7813

■ 220.9690, -2.9427,
10.5512

■ 79.7430, -36.3553,
134.4064

■ 236.5050, 0.7370,
-3.0739

■ 75.5370, -37.2397,
138.0951

■ 248.4220, 3.2430,
-13.5251

Harmonies

Analogous

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



160.0260, 0.9732, 61.3672



158.1240, -17.8091, 65.6663



156.4370, -32.7534, 52.2368

Triad

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



158.1240, -17.8091, 65.6663



143.0120, -15.2889, -42.9835



146.4340, 45.1420, -59.1396

Complementary

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



158.1240, -17.8091, 65.6663



196.8760, 17.8091, -65.6663

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.



127.2010, 48.2149, -111.5553



158.1240, -17.8091, 65.6663



121.9280, 15.3185, -106.9309

Square

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



158.1240, -17.8091, 65.6663



149.9600, -33.0113, -5.2269



126.6020, 33.2272, -111.0300



159.6260, 34.2014, -3.1800

Rectangle

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



158.1240, -17.8091, 65.6663



154.8450, -38.3776, 36.0929



126.6020, 33.2272, -111.0300



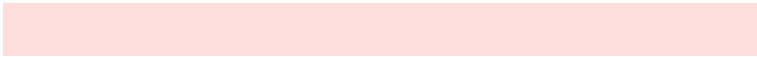
135.3980, 49.5968, -88.0490

Sweetspot

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



158.1240, -17.8091, 65.6663



230.9380, -5.8854, 21.1024



167.3870, 30.3752, 57.5426



113.1650, -3.5323, 13.0103



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.



158.1240, -17.8091, 65.6663



156.8770, -23.1104, 86.0539



189.8220, -33.4362, 37.8671



109.2890, -1.6215, 6.7625



58.8150, -28.9958, 107.1562



17.3200, -8.5388, 32.1684

Inverse Universe

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



196.8760, 17.8091, -65.6663



207.5360, 23.3998, -85.5391



165.1780, 33.4362, -37.8671



113.7110, 1.6215, -6.7625



122.1850, 28.9958, -107.1562



36.0930, 8.8282, -31.6536

Previews

White Background



This preview shows how the YUV color 158.1240, -17.8091, 65.6663 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 158.1240, -17.8091, 65.6663 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 158.1240, -17.8091, 65.6663

Background



This preview shows how black text looks on a background with the YUV color 158.1240, -17.8091, 65.6663.



This preview shows how white text looks on a background with the YUV color 158.1240, -17.8091, 65.6663.

65.6663.

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

158.1240, -17.8091, 65.6663

Protanopia

157.2970, -10.4994, 7.6325

Deuteranopia

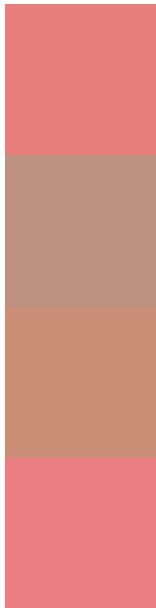
157.7030, -19.5736, 24.8165



Tritanopia

158.6170, -12.1362, 66.1109

Trichromacy



Original Color

158.1240, -17.8091, 65.6663

Protanomaly

157.4460, -13.0379, 28.5499

Deuteranomaly

157.6170, -19.0382, 39.8009

Tritanomaly

158.7480, -14.1728, 65.9960

Monochromacy



Original Color

158.1240, -17.8091, 65.6663

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.1340, -6.4751, 23.5615

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.1240, -17.8091, 65.6663 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(233, 127, 122)` looks like.

```
.text, #text, p{  
    color:rgb(233, 127, 122)  
}
```

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(233, 127, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 127, 122) }
```

Border

The CSS property to change the border of an element to YUV 158.1240, -17.8091, 65.6663 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(233, 127, 122) }
```


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

```
.border{ border-color:rgb(233, 127, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 127, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 127, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 127, 122); box-shadow:4px 4px 4px 4px rgb(233, 127, 122) }
```

Background

The CSS property to change the background color of an element to YUV 158.1240, -17.8091, 65.6663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 127, 122) }
```

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

```
.background{ background-color: rgb(233,  
127, 122) }
```

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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