

# Converting Colors

YUV(180.6060, -15.5818,  
51.2115)

Have a look what the booklet for  
YUV(180.6060, -15.5818, 51.2115)  
contains.

<b>YUV(180.6060, -15.5818, 51.2115)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(180.6060, -15.5818,  
51.2115)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	EF9D95
RGB	239, 157, 149
RGB Percent	94%, 62%, 58%
CMY	0.0627, 0.3843, 0.4157
CMYK	0.00, 0.34, 0.38, 0.06
HSL	5°, 74%, 76%
HSV	5°, 38%, 94%
XYZ	53.0784, 44.6346, 34.2516
YIQ	180.6060, 51.4400, 14.8960

# Conversions

## Conversions Part 2

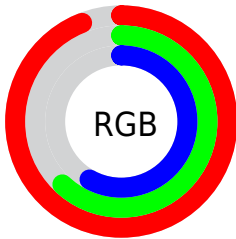
Format	Color
R <sub>Y</sub> B	239, 158, 149
Decimal	15703445
CIE Lab	72.65, 29.63, 16.83
CIE LCh	73, 34.075, 29.589
Yxy	44.6346, 0.4022, 0.3382
Android (android.graphics.Color)	4293893525 (0xFFEF9D95)
YUV	180.6060, -15.5818, 51.2115
Hunter-Lab	66.8091, 24.8984, 16.3697

# Details

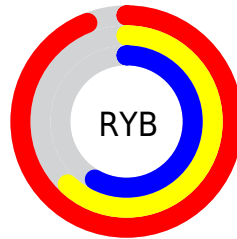
The YUV color **180.6060, -15.5818, 51.2115** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **207.3940, 15.5818, -51.2115**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8310, -10.2697, 27.3352**, and **126.9260, -14.2605, 47.4229** is the 20% darker color. If you saturate the color by 10%, you get **164.9560, -19.6983, 64.9366**, and if you desaturate by 10%, it is **196.2560, -11.4652, 37.4865**.

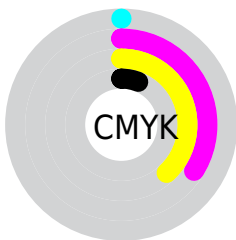
# Distribution



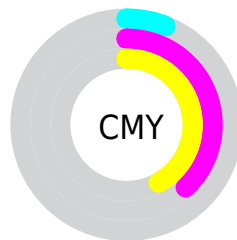
- Red (94%)
- Green (62%)
- Blue (58%)



- Red (94%)
- Yellow (62%)
- Blue (58%)



- Cyan (0%)
- Magenta (34%)
- Yellow (38%)
- Black (6%)



- Cyan (6%)
- Magenta (38%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 180.6060, -15.5818, 51.2115 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 180.6060, -15.5818, 51.2115 by changing the saturation by 10% instead.



■ 180.6060,  
-15.5818, 51.2115

■ 180.6060,  
-15.5818, 51.2115

255.0000, 0.0000,  
0.0000

■ 153.1220,  
-14.8501, 49.8820

■ 223.8310,  
-10.2697, 27.3352

■ 126.9260,  
-14.2605, 47.4229

■ 244.0460, -6.4317,  
9.6067

■ 100.8440,  
-13.2341, 44.8638

■ 76.1750, -11.9183,  
42.8195

■ 51.6200, -10.1657,  
40.6753

■ 25.5490, -9.1447,  
39.8605

■ 14.0530, -6.9281,

28.8945

0.0000, 0.0000,  
0.0000

180.6060,  
-15.5818, 51.2115

180.6060,  
-15.5818, 51.2115

164.9560,  
-19.6983, 64.9366

196.2560,  
-11.4652, 37.4865

149.3060,  
-23.8149, 78.6616

211.9060, -7.3487,  
23.7614

134.2430,  
-28.2208, 91.8719

226.9690, -2.9427,  
10.5512

118.5930,  
-32.3373, 105.5969

242.6190, 1.1738,  
-3.1739

103.0570,  
-36.0171, 119.2220

250.2160, 2.3585,  
-9.8364

■ 87.4070, -40.1337,  
132.9471

■ 83.7880, -41.3075,  
136.1209

# Harmonies

## Analogous

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



182.3680, -1.1674, 47.9123



180.6060, -15.5818, 51.2115



178.3800, -26.3163, 40.8857

# Triad

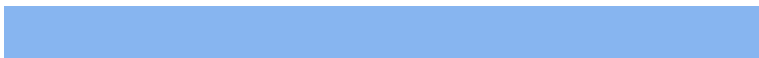
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



180.6060, -15.5818, 51.2115



168.5170, -11.1009, -32.9024



173.9720, 32.5518, -34.1784

# Complementary

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



180.6060, -15.5818, 51.2115



207.3940, 15.5818, -51.2115

# 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.



164.4750, 32.7968, -66.1916



180.6060, -15.5818, 51.2115



162.7490, 7.0257, -60.2929

# Square

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



180.6060, -15.5818, 51.2115



173.1370, -24.7175, -5.3821



158.5200, 24.3936, -77.6320



180.6560, 25.3126, 1.1787



# Rectangle

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



180.6060, -15.5818, 51.2115



177.3800, -29.7673, 27.7307



158.5200, 24.3936, -77.6320



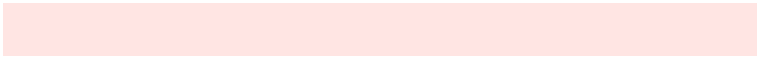
171.4220, 33.3160, -45.9741

# Sweetspot

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



180.6060, -15.5818, 51.2115



236.5460, -4.7062, 16.1842



185.3720, 22.9876, 47.0318



116.6700, -2.7953, 9.9364



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.



180.6060, -15.5818, 51.2115



180.2550, -19.8457, 65.5514



207.0210, -28.6044, 28.0456



112.1750, -2.0583, 6.8625



64.4080, -31.7531, 104.8822



19.6790, -9.7017, 31.8535



# Inverse Universe

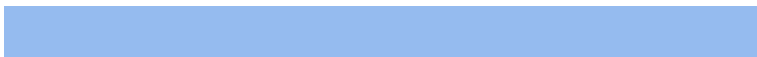
The Inverse Universe completely reimagines the original color for something new.



207.3940, 15.5818, -51.2115



214.7450, 19.8457, -65.5514



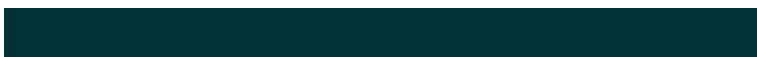
181.5660, 28.3150, -28.5604



115.8250, 2.0583, -6.8625



119.0050, 32.0425, -104.3674



36.3210, 9.7017, -31.8535



# Previews

## White Background



This preview shows how the YUV color 180.6060, -15.5818, 51.2115 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

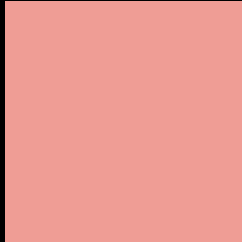
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 180.6060, -15.5818, 51.2115 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

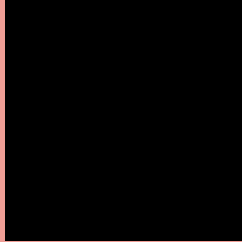
Any Text WCAG AA ✓ Pass

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 180.6060, -15.5818, 51.2115 Background



This preview shows how black text looks on a background with the YUV color 180.6060, -15.5818, 51.2115.



This preview shows how white text looks on a background with the YUV color 180.6060, -15.5818, 51.2115.



# 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

180.6060, -15.5818, 51.2115

### Protanopia

178.3400, -9.0416, 6.7178

### Deuteranopia

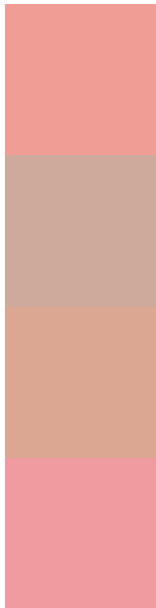
179.5010, -16.5160, 24.1166



## Tritanopia

181.3810, -7.5828, 52.2859

# Trichromacy



## Original Color

180.6060, -15.5818, 51.2115

## Protanomaly

178.8690, -11.2744, 22.9169

## Deuteranomaly

180.2680, -16.4011, 33.9680

## Tritanomaly

180.9850, -10.3456, 51.7562

# Monochromacy



## Original Color

180.6060, -15.5818, 51.2115

## Achromatopsia

181.0000, 0.0000, 0.0000

## Achromatomaly

180.6280, -5.7326, 18.7432

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 180.6060, -15.5818, 51.2115 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(239, 157, 149)` looks like.

```
.text, #text, p{  
    color:rgb(239, 157, 149)  
}
```

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(239, 157, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 157, 149) }
```

## Border

The CSS property to change the border of an element to YUV 180.6060, -15.5818, 51.2115 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(239, 157, 149) }
```



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

```
.border{ border-color:rgb(239, 157, 149) }
```

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

Here you see how a box with a 4 pixel rgb(239, 157, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 157, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 157, 149);  
box-shadow:4px 4px 4px 4px rgb(239, 157,  
149) }
```

# Background

The CSS property to change the background color of an element to YUV 180.6060, -15.5818, 51.2115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 157, 149) }
```

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

```
.background{ background-color: rgb(239,  
157, 149) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor