

Converting Colors

YUV(180.3680, -17.9294,
57.5593)

Have a look what the booklet for
YUV(180.3680, -17.9294, 57.5593)
contains.

YUV(180.3680, -17.9294, 57.5593)	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(180.3680, -17.9294,
57.5593)**

Conversions

Conversions Part 1

Format	Color
Hex	F69A90
RGB	246, 154, 144
RGB Percent	96%, 60%, 56%
CMY	0.0353, 0.3961, 0.4353
CMYK	0.00, 0.37, 0.41, 0.04
HSL	6°, 85%, 76%
HSV	6°, 41%, 96%
XYZ	54.5957, 44.7176, 32.1394
YIQ	180.3680, 58.0420, 16.3940

Conversions

Conversions Part 2

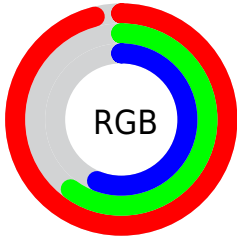
Format	Color
R _Y B	246, 155, 144
Decimal	16161424
CIE Lab	72.71, 33.28, 19.78
CIE LCh	73, 38.713, 30.719
Yxy	44.7176, 0.4153, 0.3402
Android (android.graphics.Color)	4294351504 (0xFFFF69A90)
YUV	180.3680, -17.9294, 57.5593
Hunter-Lab	66.8713, 28.7080, 18.3141

Details

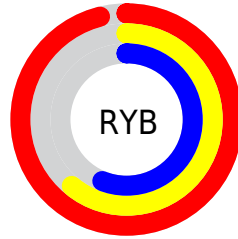
The YUV color **180.3680, -17.9294, 57.5593** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **209.6320, 17.9294, -57.5593**, and the grayscale version is **181.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.5000, -11.5855, 29.3795**, and **126.5030, -16.0240, 53.0559** is the 20% darker color. If you saturate the color by 10%, you get **164.6040, -22.4828, 71.3843**, and if you desaturate by 10%, it is **196.1320, -13.3761, 43.7342**.

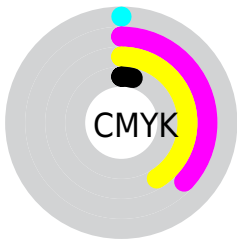
Distribution



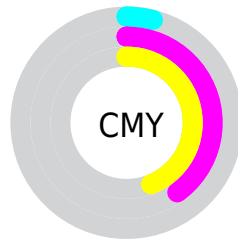
- Red (96%)
- Green (60%)
- Blue (56%)



- Red (96%)
- Yellow (61%)
- Blue (56%)



- Cyan (0%)
- Magenta (37%)
- Yellow (41%)
- Black (4%)



- Cyan (4%)
- Magenta (40%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.3680, -17.9294, 57.5593 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 180.3680, -17.9294, 57.5593 by changing the saturation by 10% instead.

180.3680,
-17.9294, 57.5593

180.3680,
-17.9294, 57.5593

255.0000, 0.0000,
0.0000

152.5850,
-17.0504, 55.6150

221.5000,
-11.5855, 29.3795

126.5030,
-16.0240, 53.0559

241.7150, -7.7475,
11.6509

100.4210,
-14.9976, 50.4968

254.8860, -0.4368,
0.1000

74.8660, -13.2449,
48.3525

49.4250, -11.0555,
46.1083

22.7240, -11.2029,
46.7231

14.9500, -7.3703,

30.7388

■ 1.4950, -0.7370,
3.0739

■ 0.0000, 0.0000,
0.0000

■ 180.3680,
-17.9294, 57.5593

■ 180.3680,
-17.9294, 57.5593

■ 164.6040,
-22.4828, 71.3843

■ 196.1320,
-13.3761, 43.7342

■ 148.9540,
-26.5993, 85.1093

■ 211.7820, -9.2595,
30.0092

■ 132.6030,
-30.8633, 99.4492

■ 228.1330, -4.9956,
15.6694

■ 116.9530,
-34.9798, 113.1742

■ 243.7830, -0.8790,
1.9443

■ 101.1890,
-39.5332, 126.9992

■ 252.3090, 1.3267,
-5.5330

■ 87.6420, -43.2075,
138.8800

Harmonies

Analogous

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



182.2980, -1.6259, 54.9897



180.3680, -17.9294, 57.5593



178.4900, -29.8216, 45.1743

Triad

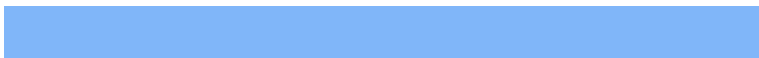
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



180.3680, -17.9294, 57.5593



166.6580, -11.6634, -39.1651



173.4920, 37.2254, -39.8965

Complementary

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



180.3680, -17.9294, 57.5593



209.6320, 17.9294, -57.5593

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.



158.7980, 39.5396, -82.2608



180.3680, -17.9294, 57.5593



157.7580, 9.9793, -74.3328

Square

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



180.3680, -17.9294, 57.5593



172.0290, -27.6223, -7.0414



147.4070, 32.3373, -105.5969



181.4650, 28.3648, 2.2232

Rectangle

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



180.3680, -17.9294, 57.5593



176.6640, -33.8514, 30.9897



147.4070, 32.3373, -105.5969



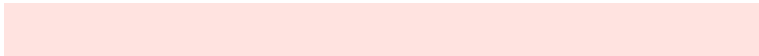
169.1590, 38.8686, -53.6364

Sweetspot

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



180.3680, -17.9294, 57.5593



235.0300, -5.4378, 17.5137



185.2140, 26.0235, 53.3093



115.9690, -2.9427, 10.5512



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.



180.3680, -17.9294, 57.5593



173.0170, -22.1934, 71.8991



209.7180, -32.3990, 31.8193



114.1750, -2.0583, 6.8625



66.1800, -32.6267, 105.0821



21.1630, -10.4334, 33.1830

Inverse Universe

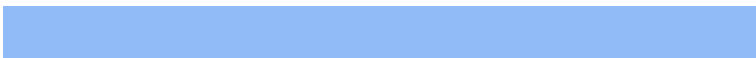
The Inverse Universe completely reimagines the original color for something new.



209.6320, 17.9294, -57.5593



209.9830, 22.1934, -71.8991



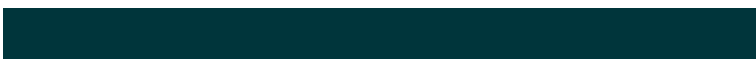
180.8690, 32.1096, -32.3341



117.8250, 2.0583, -6.8625



119.8200, 32.6267, -105.0821



37.8370, 10.4334, -33.1830

Previews

White Background



This preview shows how the YUV color 180.3680, -17.9294, 57.5593 looks on a white background.

Color Contrast Check

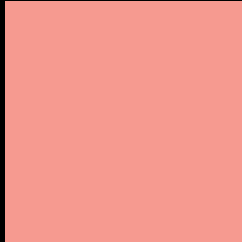
Large Text (above 18pt) WCAG AA × Fail

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 180.3680, -17.9294, 57.5593 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 180.3680, -17.9294, 57.5593

Background



This preview shows how black text looks on a background with the YUV color 180.3680, -17.9294, 57.5593.



This preview shows how white text looks on a background with the YUV color 180.3680, -17.9294, 57.5593.

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

180.3680, -17.9294, 57.5593

Protanopia

178.1830, -10.9362, 7.7325

Deuteranopia

179.5290, -18.9948, 25.8461



Tritanopia

181.2570, -9.4937, 58.5336

Trichromacy



Original Color

180.3680, -17.9294, 57.5593

Protanomaly

178.7230, -13.1744, 25.6759

Deuteranomaly

179.4210, -18.4486, 37.3418

Tritanomaly

180.7470, -12.6933, 58.1039

Monochromacy



Original Color

180.3680, -17.9294, 57.5593

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.4110, -6.6116, 20.6876

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.3680, -17.9294, 57.5593 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(246, 154, 144)` looks like.

```
.text, #text, p{  
    color:rgb(246, 154, 144)  
}
```

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(246, 154, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 154, 144) }
```

Border

The CSS property to change the border of an element to YUV 180.3680, -17.9294, 57.5593 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(246, 154, 144) }
```


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

```
.border{ border-color:rgb(246, 154, 144) }
```

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

Here you see how a box with a 4 pixel rgb(246, 154, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 154, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 154, 144);  
box-shadow:4px 4px 4px 4px rgb(246, 154,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 180.3680, -17.9294, 57.5593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 154, 144) }
```

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

```
.background{ background-color: rgb(246,  
154, 144) }
```

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