

Converting Colors

YUV(158.9540, -30.0503,
71.9543)

Have a look what the booklet for
YUV(158.9540, -30.0503, 71.9543)
contains.

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Color

**YUV(158.9540, -30.0503,
71.9543)**

Conversions

Conversions Part 1

Format	Color
Hex	F18162
RGB	241, 129, 98
RGB Percent	95%, 51%, 38%
CMY	0.0549, 0.4941, 0.6157
CMYK	0.00, 0.46, 0.59, 0.05
HSL	13°, 84%, 66%
HSV	13°, 59%, 95%
XYZ	46.3305, 35.2831, 15.9237
YIQ	158.9540, 76.7030, 14.1030

Conversions

Conversions Part 2

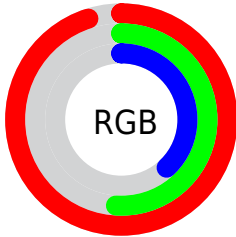
Format	Color
R_{YB}	241, 138, 98
Decimal	15827298
CIE _{Lab}	65.97, 40.19, 35.95
CIE _{LCh}	66, 53.924, 41.816
Yxy	35.2831, 0.4750, 0.3617
Android (android.graphics.Color)	4294017378 (0xFFFF18162)
YUV	158.9540, -30.0503, 71.9543
Hunter-Lab	59.3996, 35.2771, 25.6854

Details

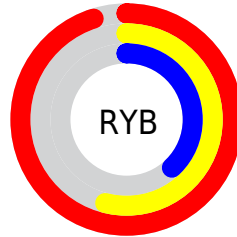
The YUV color **158.9540, -30.0503, 71.9543** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **180.0460, 30.0503, -71.9543**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.6520, -25.4644, 47.6632**, and **104.7190, -26.9765, 66.0214** is the 20% darker color. If you saturate the color by 10%, you get **145.0650, -35.0350, 84.1350**, and if you desaturate by 10%, it is **172.8430, -25.0656, 59.7737**.

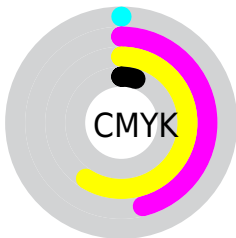
Distribution



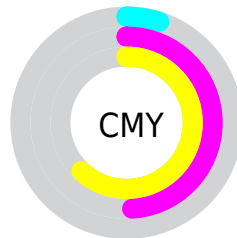
- Red (95%)
- Green (51%)
- Blue (38%)



- Red (95%)
- Yellow (54%)
- Blue (38%)



- Cyan (0%)
- Magenta (46%)
- Yellow (59%)
- Black (5%)



- Cyan (5%)
- Magenta (49%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.9540, -30.0503, 71.9543 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 158.9540, -30.0503, 71.9543 by changing the saturation by 10% instead.

158.9540,
-30.0503, 71.9543

158.9540,
-30.0503, 71.9543

255.0000, 0.0000,
0.0000

131.6870,
-28.4397, 68.6805

200.6520,
-25.4644, 47.6632

104.7190,
-26.9765, 66.0214

220.7530,
-22.0632, 30.0346

77.9790, -24.6396,
63.1624

240.3810,
-17.9358, 12.8209

51.4240, -22.8870,
61.0182

252.3780,
-10.0464, 2.2995

27.5080, -13.5614,
56.5595

18.8370, -9.2866,
38.7310

10.8780, -4.8699,

22.0320

■ 0.0000, 0.0000,
0.0000

■ 158.9540,
-30.0503, 71.9543

■ 158.9540,
-30.0503, 71.9543

■ 145.0650,
-35.0350, 84.1350

■ 172.8430,
-25.0656, 59.7737

■ 131.1760,
-40.0198, 96.3156

■ 186.7320,
-20.0809, 47.5930

■ 117.2870,
-45.0045, 108.4963

■ 200.6210,
-15.0962, 35.4124

■ 103.3980,
-49.9892, 120.6770

■ 214.5100,
-10.1114, 23.2317

■ 102.5830,
-50.5734, 121.3917

■ 227.8120, -4.8373,
11.5659

■ 241.8150, 0.5842,
-0.7148

■ 250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



160.3180, -8.5378, 78.6511



158.9540, -30.0503, 71.9543



157.2010, -44.9621, 48.0587

Triad

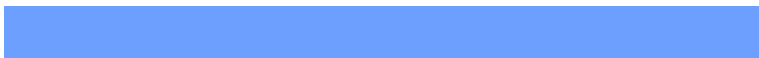
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



158.9540, -30.0503, 71.9543



126.8080, 0.5877, -95.4246



154.9940, 49.3030, -40.3367

Complementary

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



158.9540, -30.0503, 71.9543



180.0460, 30.0503, -71.9543

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.



130.8660, 59.7191, -114.7695



158.9540, -30.0503, 71.9543



128.4140, 24.9389, -112.6191

Square

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



158.9540, -30.0503, 71.9543



147.6860, -30.9042, -27.7886



132.3700, 45.1736, -116.0885



164.9540, 33.5467, 20.2113

Rectangle

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



158.9540, -30.0503, 71.9543



155.2600, -47.9492, 26.0820



132.3700, 45.1736, -116.0885



145.9580, 53.7577, -69.2462

Sweetspot

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



158.9540, -30.0503, 71.9543



228.6240, -9.6746, 23.1318



153.5250, 27.8422, 76.7156



111.7800, -6.3005, 14.2249



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.



158.9540, -30.0503, 71.9543



151.0120, -37.9669, 91.1975



200.6310, -50.5971, 35.4036



112.7620, -2.3477, 6.3477



78.4960, -38.6985, 92.5270



23.7880, -11.7275, 28.2499

Inverse Universe

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



180.0460, 30.0503, -71.9543



177.9880, 37.9669, -91.1975



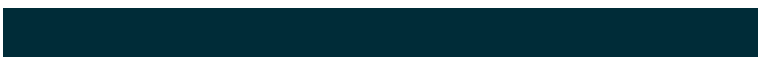
138.3690, 50.5971, -35.4036



114.6510, 2.6371, -5.8329



105.5040, 38.6985, -92.5270



32.2120, 11.7275, -28.2499

Previews

White Background



This preview shows how the YUV color 158.9540, -30.0503, 71.9543 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 158.9540, -30.0503, 71.9543 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 158.9540, -30.0503, 71.9543

Background



This preview shows how black text looks on a background with the YUV color 158.9540, -30.0503, 71.9543.



This preview shows how white text looks on a background with the YUV color 158.9540, -30.0503,

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

158.9540, -30.0503, 71.9543

Protanopia

159.0730, -24.1930, 13.0910

Deuteranopia

159.0170, -32.5464, 32.4341



Tritanopia

160.6070, -13.6103, 72.2587

Trichromacy



Original Color

158.9540, -30.0503, 71.9543

Protanomaly

158.7490, -26.0053, 34.4231

Deuteranomaly

158.7460, -31.4268, 46.7038

Tritanomaly

160.0000, -19.7200, 71.9140

Monochromacy



Original Color

158.9540, -30.0503, 71.9543

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.0050, -10.8485, 26.3056

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.9540, -30.0503, 71.9543 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(241, 129, 98)` looks like.

```
.text, #text, p{  
    color:rgb(241, 129, 98)  
}
```

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(241, 129, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 129, 98) }
```

Border

The CSS property to change the border of an element to YUV 158.9540, -30.0503, 71.9543 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(241, 129, 98) }
```


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

```
.border{ border-color:rgb(241, 129, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 129, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 129, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 129, 98);  
box-shadow:4px 4px 4px 4px rgb(241, 129,  
98) }
```

Background

The CSS property to change the background color of an element to YUV 158.9540, -30.0503, 71.9543 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 129, 98) }
```

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

```
.background{ background-color: rgb(241,  
129, 98) }
```

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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