

Converting Colors

YUV(188.9890, -23.1656,
57.0146)

Have a look what the booklet for
YUV(188.9890, -23.1656, 57.0146)
contains.

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Color

**YUV(188.9890, -23.1656,
57.0146)**

Conversions

Conversions Part 1

Format	Color
Hex	FEA58E
RGB	254, 165, 142
RGB Percent	100%, 65%, 56%
CMY	0.0039, 0.3529, 0.4431
CMYK	0.00, 0.35, 0.44, 0.00
HSL	12°, 98%, 78%
HSV	12°, 44%, 100%
XYZ	59.2107, 49.9341, 32.1087
YIQ	188.9890, 60.4270, 11.7150

Conversions

Conversions Part 2

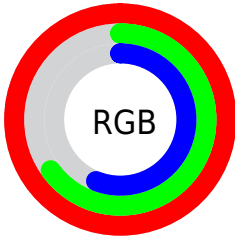
Format	Color
RYB	254, 171, 142
Decimal	16688526
CIELab	76.03, 30.35, 25.55
CIELCh	76, 39.674, 40.087
Yxy	49.9341, 0.4192, 0.3535
Android (android.graphics.Color)	4294878606 (0xFFFEA58E)
YUV	188.9890, -23.1656, 57.0146
Hunter-Lab	70.6641, 25.9062, 22.5244

Details

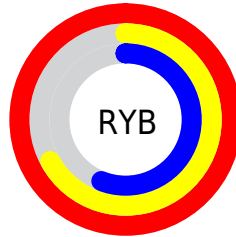
The YUV color **188.9890, -23.1656, 57.0146** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **207.0110, 23.1656, -57.0146**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.3160, -15.9318, 23.4019**, and **134.2380, -20.8233, 52.4113** is the 20% darker color. If you saturate the color by 10%, you get **174.3990, -28.2977, 69.8101**, and if you desaturate by 10%, it is **203.5790, -18.0334, 44.2192**.

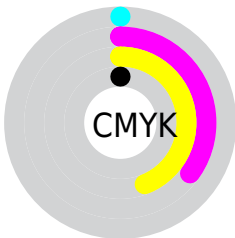
Distribution



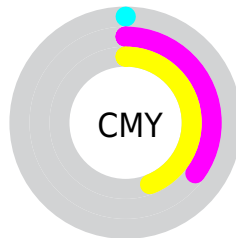
- Red (100%)
- Green (65%)
- Blue (56%)



- Red (100%)
- Yellow (67%)
- Blue (56%)



- Cyan (0%)
- Magenta (35%)
- Yellow (44%)
- Black (0%)




- Cyan (0%)
- Magenta (35%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YUV color 188.9890, -23.1656, 57.0146 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 188.9890, -23.1656, 57.0146 by changing the saturation by 10% instead.


 188.9890,
-23.1656, 57.0146

 188.9890,
-23.1656, 57.0146


255.0000, 0.0000,
0.0000

 161.2060,
-22.2866, 55.0703


 228.3160,
-15.9318, 23.4019


 134.2380,
-20.8233, 52.4113


 247.9440,
-11.8044, 6.1881

 108.1560,
-19.7969, 49.8522

 254.6580, -1.3104,
0.2999

 83.0740, -18.7705,
47.2931

 58.2200, -16.8705,
44.5341

 32.7360, -16.1388,
43.2045

 16.4450, -8.1074,

33.8127

■ 7.8880, -3.3958,
15.8842

■ 0.0000, 0.0000,
0.0000

■ 188.9890,
-23.1656, 57.0146

■ 188.9890,
-23.1656, 57.0146

■ 174.3990,
-28.2977, 69.8101

■ 203.5790,
-18.0334, 44.2192

■ 159.6950,
-33.8666, 82.7055

■ 218.2830,
-12.4645, 31.3238

■ 144.5180,
-38.7094, 96.0157

■ 233.4600, -7.6218,
18.0136

■ 129.8140,
-44.2783, 108.9111

■ 248.1640, -2.0529,
5.1182

■ 115.2240,
-49.4104, 121.7066

254.7010, 0.1474,
-0.6148

■ 106.4700,
-52.4897, 129.3838

Harmonies

Analogous

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



189.6420, -6.7255, 57.3190



188.9890, -23.1656, 57.0146



187.1320, -33.5891, 40.2262

Triad

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



188.9890, -23.1656, 57.0146



172.7750, -5.8051, -51.5457



185.1840, 34.4193, -26.4714

Complementary

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



188.9890, -23.1656, 57.0146



207.0110, 23.1656, -57.0146

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.



172.8040, 40.5226, -70.8651



188.9890, -23.1656, 57.0146



163.3310, 17.5848, -87.1133

Square

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



188.9890, -23.1656, 57.0146



179.1740, -24.2428, -17.6926



158.2590, 36.8473, -105.4671



191.5590, 25.8534, 14.4188

Rectangle

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



188.9890, -23.1656, 57.0146



184.9790, -34.9926, 23.6974



158.2590, 36.8473, -105.4671



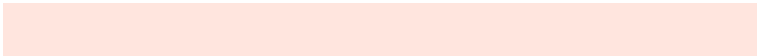
181.5520, 36.2099, -40.8261

Sweetspot

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



188.9890, -23.1656, 57.0146



235.9760, -6.8902, 16.6840



185.7480, 22.8022, 59.8570



115.6270, -4.2531, 10.8511



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.



188.9890, -23.1656, 57.0146



176.8010, -28.0029, 68.5805



221.2740, -39.0821, 28.7007



120.0610, -2.4951, 6.9625



80.0020, -39.4410, 97.3452



26.7670, -13.1961, 32.6533

Inverse Universe

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



207.0110, 23.1656, -57.0146



198.1990, 28.0029, -68.5805



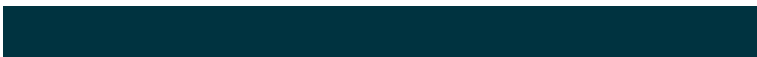
174.7260, 39.0821, -28.7007



122.3520, 2.7845, -6.4477



110.9980, 39.4410, -97.3452



37.2330, 13.1961, -32.6533

Previews

White Background



This preview shows how the YUV color 188.9890, -23.1656, 57.0146 looks on a white background.

Color Contrast Check

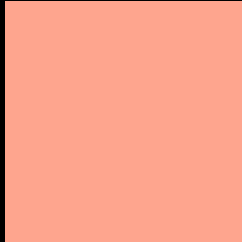
Large Text (above 18pt) WCAG AA × Fail

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 188.9890, -23.1656, 57.0146 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

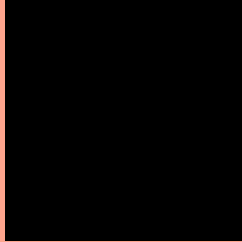
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.9890, -23.1656, 57.0146

Background



This preview shows how black text looks on a background with the YUV color 188.9890, -23.1656, 57.0146.



This preview shows how white text looks on a background with the YUV color 188.9890, -23.1656, 57.0146.

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

188.9890, -23.1656, 57.0146

Protanopia

186.5980, -17.0568, 10.8766

Deuteranopia

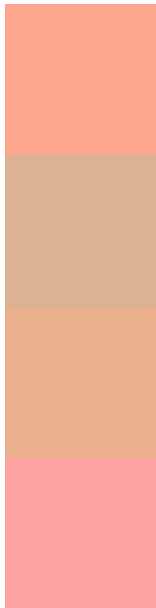
187.8840, -24.0998, 29.9197



Tritanopia

190.4740, -8.6147, 56.5893

Trichromacy



Original Color

188.9890, -23.1656, 57.0146

Protanomaly

187.4260, -19.4370, 27.6904

Deuteranomaly

188.6510, -23.9849, 39.7711

Tritanomaly

189.8070, -13.7089, 57.1743

Monochromacy



Original Color

188.9890, -23.1656, 57.0146

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.9550, -8.3588, 21.0875

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.9890, -23.1656, 57.0146 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(254, 165, 142)` looks like.

```
.text, #text, p{  
    color:rgb(254, 165, 142)  
}
```

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(254, 165, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 165, 142) }
```

Border

The CSS property to change the border of an element to YUV 188.9890, -23.1656, 57.0146 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(254, 165, 142) }
```


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

```
.border{ border-color:rgb(254, 165, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 165, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 165, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 165, 142);  
box-shadow:4px 4px 4px 4px rgb(254, 165,  
142) }
```

Background

The CSS property to change the background color of an element to YUV 188.9890, -23.1656, 57.0146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 165, 142) }
```

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

```
.background{ background-color: rgb(254,  
165, 142) }
```

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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