

Converting Colors

YUV(156.4170, -12.0376,
81.1953)

Have a look what the booklet for
YUV(156.4170, -12.0376, 81.1953)
contains.

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Color

**YUV(156.4170, -12.0376,
81.1953)**

Conversions

Conversions Part 1

Format	Color
Hex	F97284
RGB	249, 114, 132
RGB Percent	98%, 45%, 52%
CMY	0.0235, 0.5529, 0.4824
CMYK	0.00, 0.54, 0.47, 0.02
HSL	352°, 92%, 71%
HSV	352°, 54%, 98%
XYZ	49.2491, 33.8403, 25.7659
YIQ	156.4170, 74.6820, 34.2180

Conversions

Conversions Part 2

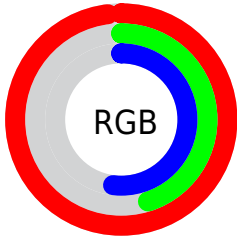
Format	Color
R _Y B	249, 114, 132
Decimal	16347780
CIE Lab	64.84, 53.17, 15.67
CIE LCh	65, 55.427, 16.417
Yxy	33.8403, 0.4524, 0.3109
Android (android.graphics.Color)	4294537860 (0xFFFF97284)
YUV	156.4170, -12.0376, 81.1953
Hunter-Lab	58.1724, 49.3173, 14.4598

Details

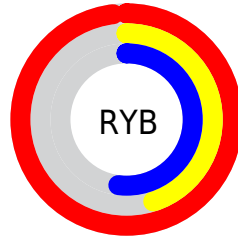
The YUV color **156.4170, -12.0376, 81.1953** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **206.5830, 12.0376, -81.1953**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.5380, -5.6882, 51.2712**, and **100.3070, -8.5324, 76.9068** is the 20% darker color. If you saturate the color by 10%, you get **139.2340, -14.4124, 96.2648**, and if you desaturate by 10%, it is **173.6000, -9.6628, 66.1258**.

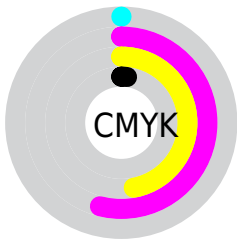
Distribution



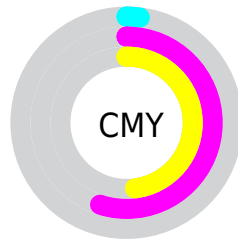
- Red (98%)
- Green (45%)
- Blue (52%)



- Red (98%)
- Yellow (45%)
- Blue (52%)



- Cyan (0%)
- Magenta (54%)
- Yellow (47%)
- Black (2%)



- Cyan (2%)
- Magenta (55%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the YUV color 156.4170, -12.0376, 81.1953 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 156.4170, -12.0376, 81.1953 by changing the saturation by 10% instead.

■ 156.4170,
-12.0376, 81.1953

■ 156.4170,
-12.0376, 81.1953

255.0000, 0.0000,
0.0000

■ 128.4490,
-10.5744, 78.5362

■ 196.5380, -5.6882,
51.2712

■ 100.3070, -8.5324,
76.9068

■ 216.7530, -1.8502,
33.5426

■ 69.9310, -4.8960,
77.2365

■ 236.9680, 1.9878,
15.8141

■ 42.9030, -2.4172,
75.5071

■ 31.9520, -6.8783,
59.6781

■ 21.2290, -10.4659,
43.6492

■ 12.9710, -5.9017,

26.3354

■ 0.0000, 0.0000,
0.0000

■ 156.4170,
-12.0376, 81.1953

■ 156.4170,
-12.0376, 81.1953

■ 139.2340,
-14.4124, 96.2648

■ 173.6000, -9.6628,
66.1258

■ 122.1650,
-16.3503, 111.2343

■ 190.6690, -7.7248,
51.1563

■ 104.9820,
-18.7251, 126.3038

■ 207.8520, -5.3500,
36.0868

■ 87.9130, -20.6631,
141.2733

■ 224.9210, -3.4121,
21.1173

■ 78.2130, -22.2900,
149.7802

■ 242.1040, -1.0373,
6.0478

253.2060, 0.8844,
-3.6887

Harmonies

Analogous

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



159.7030, 10.9924, 67.7895



156.4170, -12.0376, 81.1953



155.6180, -33.8287, 70.4950

Triad

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



156.4170, -12.0376, 81.1953



142.1410, -27.6775, -36.0807



128.0450, 61.6028, -112.2955

Complementary

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



156.4170, -12.0376, 81.1953



206.5830, 12.0376, -81.1953

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.



130.4780, 48.0783, -114.4292



156.4170, -12.0376, 81.1953



120.7080, 5.5670, -105.8609

Square

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



156.4170, -12.0376, 81.1953



149.1930, -46.4371, 7.7237



127.8100, 27.7017, -112.0894



154.2340, 48.6916, -30.9002

Rectangle

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



156.4170, -12.0376, 81.1953



154.1740, -43.9628, 54.2214



127.8100, 27.7017, -112.0894



129.8230, 58.2613, -113.8548

Sweetspot

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



156.4170, -12.0376, 81.1953



226.9430, -3.4229, 24.6060



164.3730, 41.7211, 58.4319



110.9310, -1.9380, 14.9695



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.



156.4170, -12.0376, 81.1953



141.1420, -14.8600, 99.8535



183.7150, -34.3695, 57.2549



116.1150, -1.0427, 7.7921



59.3610, -16.9400, 113.6934



19.1510, -5.4974, 36.7016

Inverse Universe

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



156.4170, -12.0376, 81.1953



141.1420, -14.8600, 99.8535



179.8720, 34.0801, -57.7697



116.1150, -1.0427, 7.7921



59.3610, -16.9400, 113.6934



19.1510, -5.4974, 36.7016

Previews

White Background



This preview shows how the YUV color 156.4170, -12.0376, 81.1953 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 156.4170, -12.0376, 81.1953 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 156.4170, -12.0376, 81.1953

Background



This preview shows how black text looks on a background with the YUV color 156.4170, -12.0376, 81.1953.



This preview shows how white text looks on a background with the YUV color 156.4170, -12.0376, 81.1953.

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

156.4170, -12.0376, 81.1953

Protanopia

157.8540, -1.9000, 2.7590

Deuteranopia

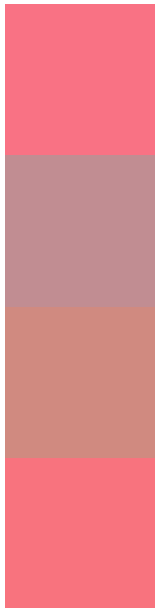
158.0170, -15.7844, 22.7871



Tritanopia

155.6790, -16.1107, 80.9655

Trichromacy



Original Color

156.4170, -12.0376, 81.1953

Protanomaly

157.1180, -5.4812, 31.4685

Deuteranomaly

157.7900, -14.6865, 44.0342

Tritanomaly

156.0210, -14.8004, 80.6656

Monochromacy



Original Color

156.4170, -12.0376, 81.1953

Achromatopsia

156.0000, 0.0000, 0.0000

Achromatomaly

156.3350, -4.6022, 29.5242

CSS Examples

Text

The CSS property to change the color of the text to YUV 156.4170, -12.0376, 81.1953 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(249, 114, 132)` looks like.

```
.text, #text, p{  
    color:rgb(249, 114, 132)  
}
```

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(249, 114, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 114, 132) }
```

Border

The CSS property to change the border of an element to YUV 156.4170, -12.0376, 81.1953 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(249, 114, 132) }
```


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

```
.border{ border-color:rgb(249, 114, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 114, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 114, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 114, 132);  
box-shadow:4px 4px 4px 4px rgb(249, 114,  
132) }
```

Background

The CSS property to change the background color of an element to YUV 156.4170, -12.0376, 81.1953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 114, 132) }
```

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

```
.background{ background-color: rgb(249,  
114, 132) }
```

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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