

Converting Colors

YUV(212.0160, -27.6159,
37.6970)

Have a look what the booklet for
YUV(212.0160, -27.6159, 37.6970)
contains.

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Color

**YUV(212.0160, -27.6159,
37.6970)**

Conversions

Conversions Part 1

Format	Color
Hex	FFC99C
RGB	255, 201, 156
RGB Percent	100%, 79%, 61%
CMY	0.0000, 0.2118, 0.3882
CMYK	0.00, 0.21, 0.39, 0.00
HSL	27°, 100%, 81%
HSV	27°, 39%, 100%
XYZ	68.1274, 65.4336, 40.4917
YIQ	212.0160, 46.6290, -2.5470

Conversions

Conversions Part 2

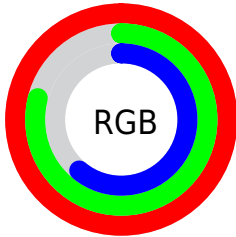
Format	Color
R _Y B	255, 239, 156
Decimal	16763292
CIE Lab	84.71, 13.39, 29.81
CIE LCh	85, 32.677, 65.810
Yxy	65.4336, 0.3914, 0.3759
Android (android.graphics.Color)	4294953372 (0xFFFFC99C)
YUV	212.0160, -27.6159, 37.6970
Hunter-Lab	80.8910, 8.7755, 26.9448

Details

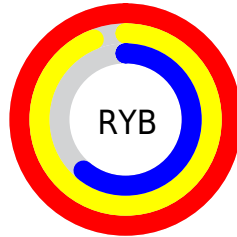
The YUV color $212.0160, -27.6159, 37.6970$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $198.9840, 27.6159, -37.6970$, and the grayscale version is $212.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.9840, -19.2191, 4.3990$, and $157.0480, -26.1527, 35.0379$ is the 20% darker color. If you saturate the color by 10%, you get $200.9480, -34.4844, 47.4036$, and if you desaturate by 10%, it is $223.1980, -20.3106, 27.8904$.

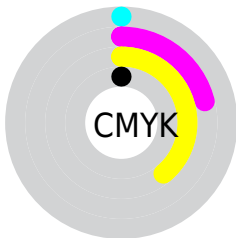
Distribution



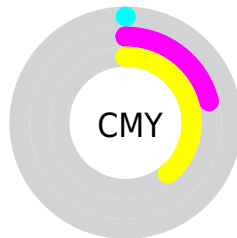
- Red (100%)
- Green (79%)
- Blue (61%)



- Red (100%)
- Yellow (94%)
- Blue (61%)



- Cyan (0%)
- Magenta (21%)
- Yellow (39%)
- Black (0%)



- Cyan (0%)
- Magenta (21%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.0160, -27.6159, 37.6970 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 212.0160, -27.6159, 37.6970 by changing the saturation by 10% instead.

212.0160,
-27.6159, 37.6970

212.0160,
-27.6159, 37.6970

255.0000, 0.0000,
0.0000

184.2330,
-26.7369, 35.7527

249.9840,
-19.2191, 4.3990

157.0480,
-26.1527, 35.0379

253.1760, -6.9888,
1.5996

130.3790,
-24.8368, 32.9936

104.5960,
-23.9578, 31.0493

80.5140, -22.9314,
28.4902

56.6170, -22.4892,
26.6459

35.5610, -17.5316,

23.1870

■ 14.5850, -7.1904,
19.6580

■ 0.0000, 0.0000,
0.0000

■ 212.0160,
-27.6159, 37.6970

■ 212.0160,
-27.6159, 37.6970

■ 200.9480,
-34.4844, 47.4036

■ 223.1980,
-20.3106, 27.8904

■ 189.7660,
-41.7896, 57.2102

■ 234.2660,
-13.4421, 18.1837

■ 178.6980,
-48.6581, 66.9169

■ 245.4480, -6.1369,
8.3771

■ 167.5160,
-55.9634, 76.7235

255.0000, 0.0000,
0.0000

■ 156.4480,
-62.8319, 86.4301

■ 145.8530,
-70.4265, 95.7219

■ 144.3370,
-71.1581, 97.0515

Harmonies

Analogous

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



209.1270, -15.8386, 40.2306



212.0160, -27.6159, 37.6970



209.1290, -29.1506, 16.5499

Triad

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



212.0160, -27.6159, 37.6970



197.1340, 9.7939, -61.5075



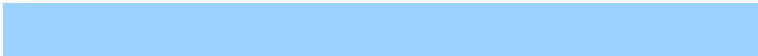
214.0330, 20.1967, 8.7411

Complementary

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



212.0160, -27.6159, 37.6970



198.9840, 27.6159, -37.6970

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.



207.6330, 23.3519, -23.3571



212.0160, -27.6159, 37.6970



196.2760, 24.5139, -69.5251

Square

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



212.0160, -27.6159, 37.6970



200.9940, -7.8850, -37.7057



200.3580, 26.9385, -53.8110



215.9670, 10.3693, 34.2319

Rectangle

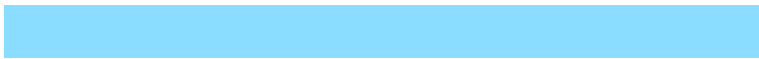
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



212.0160, -27.6159, 37.6970



207.2300, -25.7494, -1.0787



200.3580, 26.9385, -53.8110



212.1950, 21.1029, -1.9250

Sweetspot

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



212.0160, -27.6159, 37.6970



241.4870, -8.6211, 11.8509



191.7570, 8.9938, 55.4641



120.0780, -4.9685, 6.9476



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.



212.0160, -27.6159, 37.6970



203.1650, -33.6053, 45.4593



240.7790, -41.7960, 12.4718



122.4090, -3.6526, 4.9033



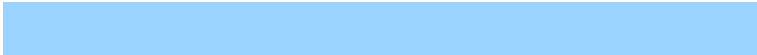
108.1780, -53.3318, 72.6349



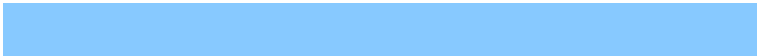
36.1590, -17.8264, 24.4166

Inverse Universe

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



198.9840, 27.6159, -37.6970



187.4220, 33.3160, -45.9741



170.2210, 41.7960, -12.4718



120.5910, 3.6526, -4.9033



82.8220, 53.3318, -72.6349



27.8410, 17.8264, -24.4166

Previews

White Background



This preview shows how the YUV color 212.0160, -27.6159, 37.6970 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 212.0160, -27.6159, 37.6970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

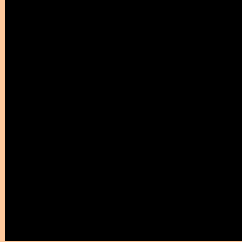
Any Text WCAG AA ✓ Pass

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 212.0160, -27.6159, 37.6970 Background



This preview shows how black text looks on a background with the YUV color 212.0160, -27.6159, 37.6970.



This preview shows how white text looks on a background with the YUV color 212.0160, -27.6159, 37.6970.

37.6970.

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

212.0160, -27.6159, 37.6970

Protanopia

209.7850, -24.0510, 14.2206

Deuteranopia

211.6950, -27.4576, 33.5935



Tritanopia

215.1230, -3.0186, 34.9721

Trichromacy



Original Color

212.0160, -27.6159, 37.6970

Protanomaly

210.4980, -25.3885, 23.2423

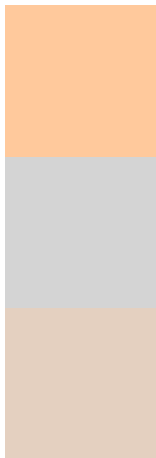
Deuteranomaly

211.7060, -27.4631, 35.3378

Tritanomaly

214.1310, -11.8966, 35.8421

Monochromacy



Original Color

212.0160, -27.6159, 37.6970

Achromatopsia

212.0000, 0.0000, 0.0000

Achromatomaly

212.1560, -9.9369, 13.8952

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.0160, -27.6159, 37.6970 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(255, 201, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 156)  
}
```

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(255, 201, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 156) }
```

Border

The CSS property to change the border of an element to YUV 212.0160, -27.6159, 37.6970 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(255, 201, 156) }
```


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

```
.border{ border-color:rgb(255, 201, 156) }
```

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

Here you see how a box with a 4 pixel rgb(255, 201, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 212.0160, -27.6159, 37.6970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 156) }
```

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

```
.background{ background-color: rgb(255,  
201, 156) }
```

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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