

Converting Colors

YUV(212.9790, -31.5416,
36.8524)

Have a look what the booklet for
YUV(212.9790, -31.5416, 36.8524)
contains.

YUV(212.9790, -31.5416, 36.8524)	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(212.9790, -31.5416,
36.8524)**

Conversions

Conversions Part 1

Format	Color
Hex	FFCC95
RGB	255, 204, 149
RGB Percent	100%, 80%, 58%
CMY	0.0000, 0.2000, 0.4157
CMYK	0.00, 0.20, 0.42, 0.00
HSL	31°, 100%, 79%
HSV	31°, 42%, 100%
XYZ	68.2577, 66.6157, 37.6943
YIQ	212.9790, 48.0510, -6.2930

Conversions

Conversions Part 2

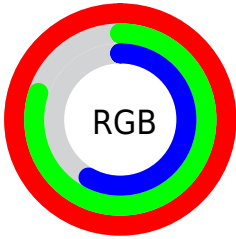
Format	Color
R _Y B	247, 255, 149
Decimal	16764053
CIE Lab	85.31, 11.08, 34.24
CIE LCh	85, 35.986, 72.073
Yxy	66.6157, 0.3955, 0.3860
Android (android.graphics.Color)	4294954133 (0xFFFFCC95)
YUV	212.9790, -31.5416, 36.8524
Hunter-Lab	81.6184, 6.4478, 29.7506

Details

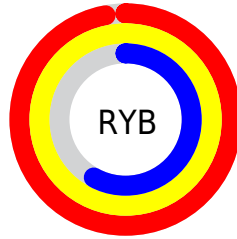
The YUV color $212.9790, -31.5416, 36.8524$ is a light color, and the websafe version is hex FFCC99 . A complement of this color would be $191.0210, 31.5416, -36.8524$, and the grayscale version is $213.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $249.1860, -22.2767, 5.0989$, and $157.8260, -29.4942, 33.4786$ is the 20% darker color. If you saturate the color by 10%, you get $203.0850, -38.9889, 45.5295$, and if you desaturate by 10%, it is $222.9870, -23.6576, 28.0754$.

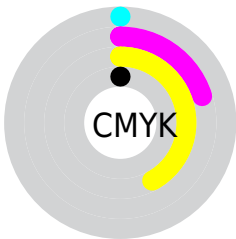
Distribution



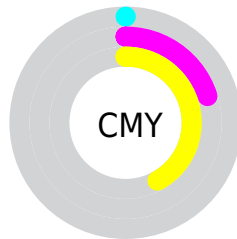
- Red (100%)
- Green (80%)
- Blue (58%)



- Red (97%)
- Yellow (100%)
- Blue (58%)



- Cyan (0%)
- Magenta (20%)
- Yellow (42%)
- Black (0%)



- Cyan (0%)
- Magenta (20%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 212.9790, -31.5416, 36.8524 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 212.9790, -31.5416, 36.8524 by changing the saturation by 10% instead.

212.9790,
-31.5416, 36.8524

212.9790,
-31.5416, 36.8524

255.0000, 0.0000,
0.0000

185.1960,
-30.6626, 34.9081

249.1860,
-22.2767, 5.0989

157.8260,
-29.4942, 33.4786

252.3780,
-10.0464, 2.2995

131.3420,
-28.7626, 32.1491

105.5590,
-27.8836, 30.2048

80.7760, -27.0046,
28.2604

57.0530, -27.1411,
25.3865

36.4360, -17.9629,

21.5426

■ 16.6340, -8.2006,
16.9840

■ 0.0000, 0.0000,
0.0000

■ 212.9790,
-31.5416, 36.8524

■ 212.9790,
-31.5416, 36.8524

■ 203.0850,
-38.9889, 45.5295

■ 222.9870,
-23.6576, 28.0754

■ 192.4900,
-46.5836, 54.8213

■ 233.4680,
-16.4997, 18.8836

■ 182.5960,
-54.0308, 63.4983

■ 243.4760, -8.6157,
10.1065

■ 172.5880,
-61.9149, 72.2753

■ 253.3700, -1.1684,
1.4295

■ 162.6940,
-69.3621, 80.9524

255.0000, 0.0000,
0.0000

■ 153.7290,
-75.7884, 88.8147

Harmonies

Analogous

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



208.8020, -19.6224, 40.5156



212.9790, -31.5416, 36.8524



209.5260, -31.3183, 11.8167

Triad

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



212.9790, -31.5416, 36.8524



195.1370, 15.2155, -73.7881



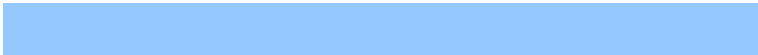
216.7350, 18.8646, 16.0184

Complementary

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



212.9790, -31.5416, 36.8524



191.0210, 31.5416, -36.8524

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.



210.0250, 22.1727, -18.4389



212.9790, -31.5416, 36.8524



194.8880, 29.6352, -78.8318

Square

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



212.9790, -31.5416, 36.8524



200.1390, -4.5055, -48.3569



200.9450, 26.6491, -54.3258



214.5650, 10.0745, 35.4615

Rectangle

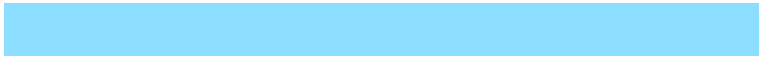
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



212.9790, -31.5416, 36.8524



207.1860, -25.7277, -8.0561



200.9450, 26.6491, -54.3258



214.8970, 19.7708, 5.3523

Sweetspot

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



212.9790, -31.5416, 36.8524



242.6610, -9.1999, 10.8213



186.5080, 6.6516, 60.0675



120.6650, -5.2578, 6.4328



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.



212.9790, -31.5416, 36.8524



204.7150, -37.8205, 44.0999



242.3180, -46.0058, 9.3681



122.4090, -3.6526, 4.9033



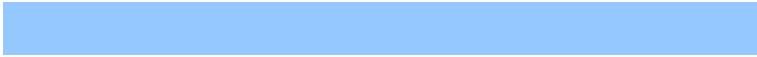
115.2220, -56.8044, 66.4573



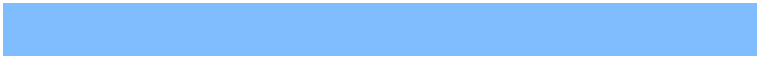
38.5070, -18.9840, 22.3574

Inverse Universe

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



191.0210, 31.5416, -36.8524



178.2850, 37.8205, -44.0999



161.6820, 46.0058, -9.3681



120.0040, 3.9420, -4.3885



75.7780, 56.8044, -66.4573



25.4930, 18.9840, -22.3574

Previews

White Background



This preview shows how the YUV color 212.9790, -31.5416, 36.8524 looks on a white background.

Color Contrast Check

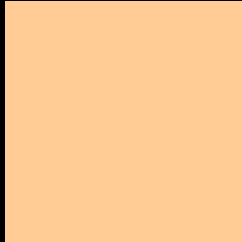
Large Text (above 18pt) WCAG AA × Fail

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 212.9790, -31.5416, 36.8524 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 212.9790, -31.5416, 36.8524 Background



This preview shows how black text looks on a background with the YUV color 212.9790, -31.5416, 36.8524.



This preview shows how white text looks on a background with the YUV color 212.9790, -31.5416, 36.8524.

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

212.9790, -31.5416, 36.8524

Protanopia

211.2430, -28.7138, 16.4499

Deuteranopia

212.6800, -31.3942, 36.2376



Tritanopia

216.5250, -2.7238, 33.7426

Trichromacy



Original Color

212.9790, -31.5416, 36.8524

Protanomaly

212.0590, -29.6091, 23.6273

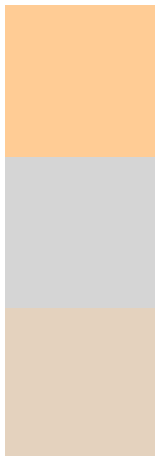
Deuteranomaly

212.6800, -31.3942, 36.2376

Tritanomaly

215.0770, -13.3490, 35.0125

Monochromacy



Original Color

212.9790, -31.5416, 36.8524

Achromatopsia

213.0000, 0.0000, 0.0000

Achromatomaly

213.1020, -11.3893, 13.0655

CSS Examples

Text

The CSS property to change the color of the text to YUV 212.9790, -31.5416, 36.8524 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, 204, 149)` looks like.

```
.text, #text, p{  
    color:rgb(255, 204, 149)  
}
```

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, 204, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 204, 149) }
```

Border

The CSS property to change the border of an element to YUV 212.9790, -31.5416, 36.8524 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, 204, 149) }
```


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

```
.border{ border-color:rgb(255, 204, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 204, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 204, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 204, 149);  
box-shadow:4px 4px 4px 4px rgb(255, 204,  
149) }
```

Background

The CSS property to change the background color of an element to YUV 212.9790, -31.5416, 36.8524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 204, 149) }
```

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

```
.background{ background-color: rgb(255,  
204, 149) }
```

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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