

Converting Colors

YUV(216.9840, -12.3171,
30.7090)

Have a look what the booklet for
YUV(216.9840, -12.3171, 30.7090)
contains.

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Color

**YUV(216.9840, -12.3171,
30.7090)**

Conversions

Conversions Part 1

Format	Color
Hex	FCCCC0
RGB	252, 204, 192
RGB Percent	99%, 80%, 75%
CMY	0.0118, 0.2000, 0.2471
CMYK	0.00, 0.19, 0.24, 0.01
HSL	12°, 91%, 87%
HSV	12°, 24%, 99%
XYZ	71.2522, 67.6869, 59.1787
YIQ	216.9840, 32.4600, 6.4440

Conversions

Conversions Part 2

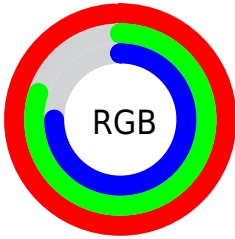
Format	Color
R _Y B	252, 207, 192
Decimal	16567488
CIE Lab	85.85, 15.20, 12.39
CIE LCh	86, 19.610, 39.171
Yxy	67.6869, 0.3596, 0.3417
Android (android.graphics.Color)	4294757568 (0xFFFC0000)
YUV	216.9840, -12.3171, 30.7090
Hunter-Lab	82.2721, 10.6147, 14.9429

Details

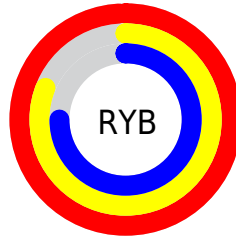
The YUV color $216.9840, -12.3171, 30.7090$ is a light color, and the websafe version is hex FFCCCC . A complement of this color would be $227.0160, 12.3171, -30.7090$, and the grayscale version is $217.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $254.2020, -3.0576, 0.6998$, and $162.2010, -11.4381, 28.7647$ is the 20% darker color. If you saturate the color by 10%, you get $202.3940, -17.4492, 43.5045$, and if you desaturate by 10%, it is $231.5740, -7.1850, 17.9136$.

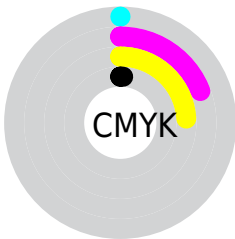
Distribution



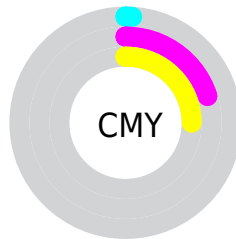
- Red (99%)
- Green (80%)
- Blue (75%)



- Red (99%)
- Yellow (81%)
- Blue (75%)



- Cyan (0%)
- Magenta (19%)
- Yellow (24%)
- Black (1%)



- Cyan (1%)
- Magenta (20%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the YUV color 216.9840, -12.3171, 30.7090 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 216.9840, -12.3171, 30.7090 by changing the saturation by 10% instead.

216.9840,
-12.3171, 30.7090

216.9840,
-12.3171, 30.7090

255.0000, 0.0000,
0.0000

188.7990,
-11.7329, 29.9943

254.2020, -3.0576,
0.6998

162.2010,
-11.4381, 28.7647

135.6030,
-11.1433, 27.5352

110.1190,
-10.4117, 26.2056

85.5210, -10.1169,
24.9761

61.7380, -9.2378,
23.0318

39.0690, -7.9220,

20.9875

■ 16.9550, -8.3588,
21.0875

■ 0.0000, 0.0000,
0.0000

■ 216.9840,
-12.3171, 30.7090

■ 216.9840,
-12.3171, 30.7090

■ 202.3940,
-17.4492, 43.5045

■ 231.5740, -7.1850,
17.9136

■ 187.8040,
-22.5814, 56.2999

■ 246.1640, -2.0529,
5.1182

■ 173.1000,
-28.1503, 69.1953

■ 254.1030, 0.4422,
-1.8443

■ 157.9230,
-32.9930, 82.5055

■ 143.3330,
-38.1252, 95.3010

■ 128.7430,
-43.2573, 108.0964

■ 114.1530,
-48.3894, 120.8918

■ 104.6980,
-51.6161, 129.1839

Harmonies

Analogous

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



218.0470, -4.4602, 30.6538



216.9840, -12.3171, 30.7090



215.2620, -17.3842, 22.5722

Triad

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



216.9840, -12.3171, 30.7090



208.8200, -3.8553, -23.5211



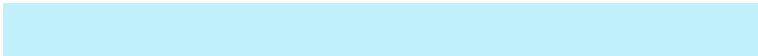
214.3310, 18.0778, -11.6913

Complementary

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



216.9840, -12.3171, 30.7090



227.0160, 12.3171, -30.7090

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.



211.0470, 18.7108, -28.1052



216.9840, -12.3171, 30.7090



207.9740, 5.9288, -35.0572

Square

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



216.9840, -12.3171, 30.7090



211.3290, -12.4872, -8.1815



208.4390, 14.0806, -36.3420



217.0730, 12.7820, 6.9520

Rectangle

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



216.9840, -12.3171, 30.7090



214.0930, -17.7938, 13.9504



208.4390, 14.0806, -36.3420



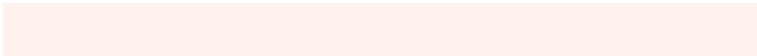
213.1130, 18.6783, -17.6391

Sweetspot

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



216.9840, -12.3171, 30.7090



244.7300, -3.8109, 9.0068



215.4120, 12.1219, 32.0877



121.4630, -2.2003, 5.7329



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

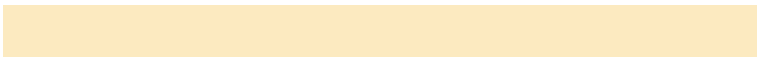
The Same Dimension uses a secret algorithm to generate beautiful new colors.



216.9840, -12.3171, 30.7090



211.9310, -15.2490, 37.7715



234.5940, -20.9988, 15.2651



117.6480, -2.7845, 6.4477



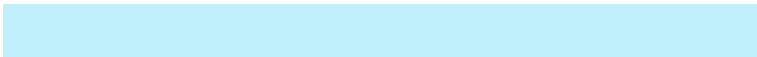
78.8170, -38.8568, 96.6305



25.2830, -12.4645, 31.3238

Inverse Universe

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



227.0160, 12.3171, -30.7090



224.0690, 15.2490, -37.7715



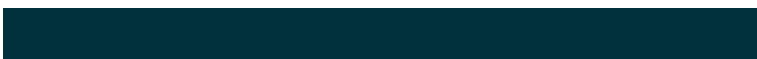
209.4060, 20.9988, -15.2651



119.3520, 2.7845, -6.4477



110.1830, 38.8568, -96.6305



35.7170, 12.4645, -31.3238

Previews

White Background



This preview shows how the YUV color 216.9840, -12.3171, 30.7090 looks on a white background.

Color Contrast Check

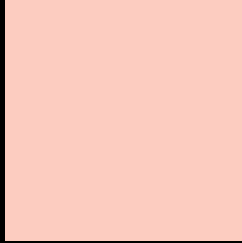
Large Text (above 18pt) WCAG AA × Fail

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 216.9840, -12.3171, 30.7090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

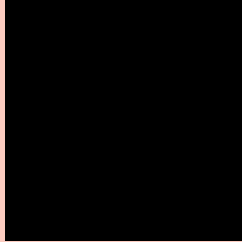
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 216.9840, -12.3171, 30.7090

Background



This preview shows how black text looks on a background with the YUV color 216.9840, -12.3171, 30.7090.



This preview shows how white text looks on a background with the YUV color 216.9840, -12.3171, 30.7090.

30.7090.

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

216.9840, -12.3171, 30.7090

Protanopia

214.7530, -8.7522, 7.2326

Deuteranopia

216.2390, -12.4428, 24.3464



Tritanopia

218.2690, -1.1186, 32.2131

Trichromacy



Original Color

216.9840, -12.3171, 30.7090

Protanomaly

215.4660, -10.0897, 16.2543

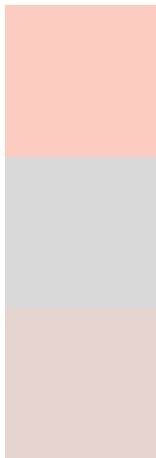
Deuteranomaly

216.5490, -12.5957, 26.7055

Tritanomaly

217.5310, -5.1918, 31.9833

Monochromacy



Original Color

216.9840, -12.3171, 30.7090

Achromatopsia

217.0000, 0.0000, 0.0000

Achromatomaly

216.9260, -4.4005, 11.4659

CSS Examples

Text

The CSS property to change the color of the text to YUV 216.9840, -12.3171, 30.7090 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(252, 204, 192)` looks like.

```
.text, #text, p{  
    color:rgb(252, 204, 192)  
}
```

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(252, 204, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 204, 192) }
```

Border

The CSS property to change the border of an element to YUV 216.9840, -12.3171, 30.7090 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(252, 204, 192) }
```


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

```
.border{ border-color:rgb(252, 204, 192) }
```

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

Here you see how a box with a 4 pixel rgb(252, 204, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 204, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 204, 192);  
box-shadow:4px 4px 4px 4px rgb(252, 204,  
192) }
```

Background

The CSS property to change the background color of an element to YUV 216.9840, -12.3171, 30.7090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 204, 192) }
```

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

```
.background{ background-color: rgb(252,  
204, 192) }
```

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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