

Converting Colors

YUV(190.2980, -32.1919,
12.0167)

Have a look what the booklet for
YUV(190.2980, -32.1919, 12.0167)
contains.

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Color

**YUV(190.2980, -32.1919,
12.0167)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC47D
RGB	204, 196, 125
RGB Percent	80%, 77%, 49%
CMY	0.2000, 0.2314, 0.5098
CMYK	0.00, 0.04, 0.39, 0.20
HSL	54°, 44%, 65%
HSV	54°, 39%, 80%
XYZ	48.3434, 53.7979, 27.2381
YIQ	190.2980, 27.5590, -20.3850

Conversions

Conversions Part 2

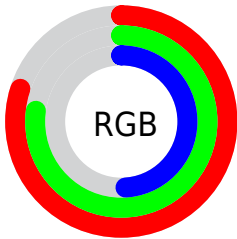
Format	Color
RYB	134, 204, 125
Decimal	13419645
CIELab	78.34, -7.53, 36.64
CIELCh	78, 37.409, 101.619
Yxy	53.7979, 0.3737, 0.4158
Android (android.graphics.Color)	4291609725 (0xFFCCC47D)
YUV	190.2980, -32.1919, 12.0167
Hunter-Lab	73.3470, -10.7070, 29.3250

Details

The YUV color **190.2980, -32.1919, 12.0167** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **138.7020, 32.1919, -12.0167**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **244.4610, -32.7653, 9.2427**, and **136.1560, -30.1499, 10.3872** is the 20% darker color. If you saturate the color by 10%, you get **186.8440, -40.3491, 15.0458**, and if you desaturate by 10%, it is **193.7520, -24.0347, 8.9875**.

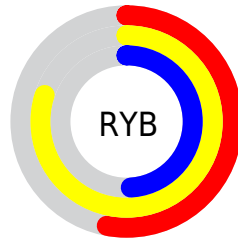
Distribution



Red (80%)

Green (77%)

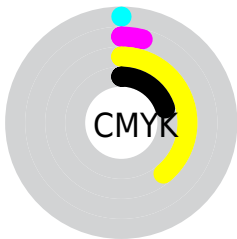
Blue (49%)



Red (53%)

Yellow (80%)

Blue (49%)

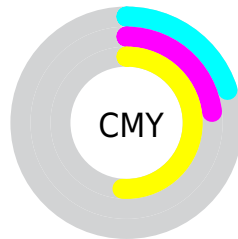


Cyan (0%)

Magenta (4%)

Yellow (39%)

Black (20%)



Cyan (20%)

Magenta (23%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 190.2980, -32.1919, 12.0167 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 190.2980, -32.1919, 12.0167 by changing the saturation by 10% instead.

■ 190.2980,
-32.1919, 12.0167

■ 190.2980,
-32.1919, 12.0167

255.0000, 0.0000,
0.0000

■ 163.1130,
-31.6077, 11.3019

■ 244.4610,
-32.7653, 9.2427

■ 136.1560,
-30.1499, 10.3872

■ 249.4140,
-21.4031, 4.8989

■ 110.9710,
-29.5657, 9.6724

■ 252.7200, -8.7360,
1.9996

■ 85.7860, -28.9815,
8.9577

■ 61.8460, -29.9971,
8.0281

■ 41.6420, -20.5295,
4.6990

■ 21.8400, -10.7671,

0.1403

■ 0.0000, 0.0000,
0.0000

■ 190.2980,
-32.1919, 12.0167

■ 190.2980,
-32.1919, 12.0167

■ 186.8440,
-40.3491, 15.0458

■ 193.7520,
-24.0347, 8.9875

■ 183.2760,
-48.9431, 18.1749

■ 197.3200,
-15.4408, 5.8584

■ 179.8220,
-57.1002, 21.2041

■ 200.7740, -7.2836,
2.8292

■ 176.2540,
-65.6942, 24.3332

■ 204.3420, 1.3104,
-0.2999

■ 172.8000,
-73.8514, 27.3624

■ 207.7960, 9.4676,
-3.3291

■ 169.3460,
-82.0086, 30.3916

■ 211.2500, 17.6247,
-6.3582

■ 168.4170,
-83.0296, 31.2063

■ 213.3360, 20.5404,
-8.1877

■ 215.0970, 19.6722,
-9.7321

■ 216.2710, 19.0934,
-10.7617

Harmonies

Analogous

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



193.1640, -32.1259, 37.5672



190.2980, -32.1919, 12.0167



185.7440, -22.0588, -18.1925

Triad

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



190.2980, -32.1919, 12.0167



171.7450, 33.1567, -88.3534



198.6800, 9.0318, 43.2536

Complementary

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



190.2980, -32.1919, 12.0167



138.7020, 32.1919, -12.0167

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.



197.9890, 23.6694, 14.9186



190.2980, -32.1919, 12.0167



181.7190, 36.1275, -61.1436

Square

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



190.2980, -32.1919, 12.0167



173.4460, 16.5421, -79.3211



192.2940, 30.9141, -22.1828



194.9080, -6.8566, 52.7007

Rectangle

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



190.2980, -32.1919, 12.0167



182.7720, -11.2266, -39.2650



192.2940, 30.9141, -22.1828



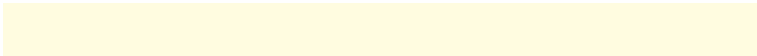
198.8900, 13.8582, 35.1765

Sweetspot

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



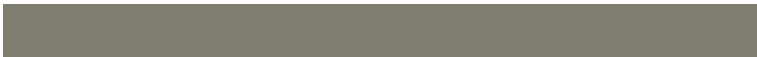
190.2980, -32.1919, 12.0167



249.7050, -12.6726, 4.6437



149.6470, -7.7140, 47.6676



124.7740, -7.2836, 2.8292



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.



190.2980, -32.1919, 12.0167



234.6180, -47.6327, 17.8750



186.0240, -30.0848, -10.5450



100.2730, -4.0786, 1.5146



137.0970, -67.5888, 25.3479



31.3200, -15.4408, 5.8584

Inverse Universe

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



138.7020, 32.1919, -12.0167



158.3820, 47.6327, -17.8750



142.9760, 30.0848, 10.5450



93.7270, 4.0786, -1.5146



28.9030, 67.5888, -25.3479



6.6800, 15.4408, -5.8584

Previews

White Background



This preview shows how the YUV color 190.2980, -32.1919, 12.0167 looks on a white background.

Color Contrast Check

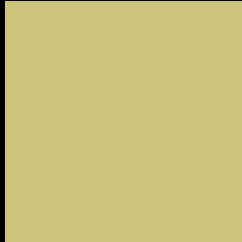
Large Text (above 18pt) WCAG AA × Fail

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 190.2980, -32.1919, 12.0167 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 190.2980, -32.1919, 12.0167

Background



This preview shows how black text looks on a background with the YUV color 190.2980, -32.1919, 12.0167.



This preview shows how white text looks on a background with the YUV color 190.2980, -32.1919, 12.0167.

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

190.2980, -32.1919, 12.0167

Protanopia

191.1030, -33.0818, 17.4497

Deuteranopia

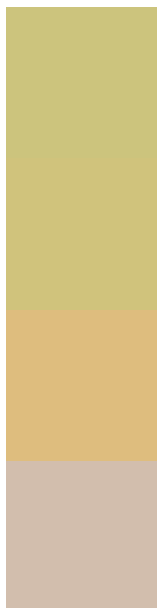
192.7400, -32.4098, 35.3080



Tritanopia

196.3700, 2.2826, 14.5845

Trichromacy



Original Color

190.2980, -32.1919, 12.0167

Protanomaly

190.7930, -32.9289, 15.0905

Deuteranomaly

191.6850, -32.3827, 26.5863

Tritanomaly

194.0420, -10.3737, 13.9952

Monochromacy



Original Color

190.2980, -32.1919, 12.0167

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.9330, -11.7990, 4.4438

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.2980, -32.1919, 12.0167 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(204, 196, 125)` looks like.

```
.text, #text, p{  
    color:rgb(204, 196, 125)  
}
```

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(204, 196, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 196, 125) }
```

Border

The CSS property to change the border of an element to YUV 190.2980, -32.1919, 12.0167 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(204, 196, 125) }
```


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

```
.border{ border-color:rgb(204, 196, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 196, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 196, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 196, 125);  
box-shadow:4px 4px 4px 4px rgb(204, 196,  
125) }
```

Background

The CSS property to change the background color of an element to YUV 190.2980, -32.1919, 12.0167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 196, 125) }
```

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

```
.background{ background-color: rgb(204,  
196, 125) }
```

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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