

Converting Colors

YUV(189.7490, -12.6943,
11.6211)

Have a look what the booklet for
YUV(189.7490, -12.6943, 11.6211)
contains.

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Color

**YUV(189.7490, -12.6943,
11.6211)**

Conversions

Conversions Part 1

Format	Color
Hex	CBBCA4
RGB	203, 188, 164
RGB Percent	80%, 74%, 64%
CMY	0.2039, 0.2627, 0.3569
CMYK	0.00, 0.07, 0.19, 0.20
HSL	37°, 27%, 72%
HSV	37°, 19%, 80%
XYZ	49.3127, 51.3433, 42.4331
YIQ	189.7490, 16.6440, -4.2840

Conversions

Conversions Part 2

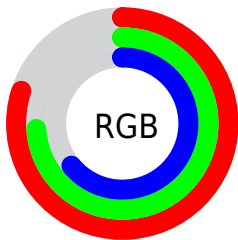
Format	Color
RYB	188, 203, 164
Decimal	13352100
CIELab	76.89, 1.40, 14.06
CIElCh	77, 14.131, 84.329
Yxy	51.3433, 0.3446, 0.3588
Android (android.graphics.Color)	4291542180 (0xFFCBBCA4)
YUV	189.7490, -12.6943, 11.6211
Hunter-Lab	71.6542, -2.5507, 15.0468

Details

The YUV color $189.7490, -12.6943, 11.6211$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $177.2510, 12.6943, -11.6211$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $244.4390, -12.5414, 9.2620$, and $136.5640, -12.1101, 10.9064$ is the 20% darker color. If you saturate the color by 10%, you get $182.7730, -19.1151, 17.7391$, and if you desaturate by 10%, it is $196.7250, -6.2734, 5.5032$.

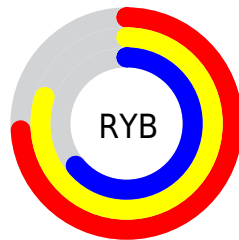
Distribution



Red (80%)

Green (74%)

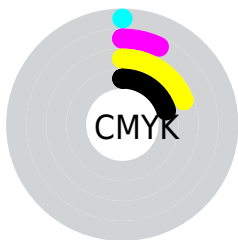
Blue (64%)



Red (74%)

Yellow (80%)

Blue (64%)

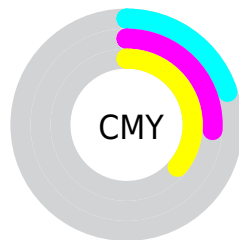


Cyan (0%)

Magenta (7%)

Yellow (19%)

Black (20%)



Cyan (20%)

Magenta (26%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.7490, -12.6943, 11.6211 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 189.7490, -12.6943, 11.6211 by changing the saturation by 10% instead.

■ 189.7490,
-12.6943, 11.6211

■ 189.7490,
-12.6943, 11.6211

255.0000, 0.0000,
0.0000

■ 162.5640,
-12.1101, 10.9064

■ 244.4390,
-12.5414, 9.2620

■ 136.5640,
-12.1101, 10.9064

■ 254.2020, -3.0576,
0.6998

■ 111.3790,
-11.5258, 10.1916

■ 86.1940, -10.9416,
9.4769

■ 63.0090, -10.3574,
8.7621

■ 40.8240, -9.7732,
8.0474

■ 20.7100, -10.2100,

8.1473

■ 0.0000, 0.0000,
0.0000

■ 189.7490,
-12.6943, 11.6211

■ 189.7490,
-12.6943, 11.6211

■ 182.7730,
-19.1151, 17.7391

■ 196.7250, -6.2734,
5.5032

■ 175.6830,
-25.9727, 23.9570

■ 203.8150, 0.5842,
-0.7148

■ 169.2940,
-32.6829, 29.5602

■ 210.2040, 7.2944,
-6.3179

■ 162.3180,
-39.1038, 35.6781

■ 217.1800, 13.7153,
-12.4359

■ 155.3420,
-45.5246, 41.7961

■ 223.0160, 15.7681,
-17.5540

■ 148.2520,
-52.3822, 48.0140

■ 227.7120, 13.4530,
-21.6724

■ 141.2760,
-58.8031, 54.1319

■ 232.4080, 11.1379,
-25.7908

■ 134.8870,
-65.5133, 59.7351

■ 236.5170, 9.1121,
-29.3944

■ 134.0720,
-66.0975, 60.4499

■ 239.4520, 7.6652,
-31.9684

Harmonies

Analogous

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



190.9610, -10.8268, 19.3282



189.7490, -12.6943, 11.6211



188.1390, -10.9145, 0.7551

Triad

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



189.7490, -12.6943, 11.6211



185.0830, 7.3541, -25.5058



192.0860, 6.3666, 11.3256

Complementary

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



189.7490, -12.6943, 11.6211



177.2510, 12.6943, -11.6211

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.



190.5620, 11.0619, -1.3699



189.7490, -12.6943, 11.6211



186.3590, 12.1480, -23.1168

Square

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



189.7490, -12.6943, 11.6211



185.3950, 0.7913, -20.5174



188.9410, 12.8471, -13.9803



192.5340, 0.2297, 19.7027

Rectangle

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



189.7490, -12.6943, 11.6211



187.4800, -8.1246, -7.4370



188.9410, 12.8471, -13.9803



192.2210, 8.2720, 6.8222

Sweetspot

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



189.7490, -12.6943, 11.6211



249.7680, -4.8156, 4.5885



177.4850, 1.2399, 22.3767



124.6260, -2.7736, 2.9590



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.



189.7490, -12.6943, 11.6211



234.7730, -19.1151, 17.7391



197.3580, -16.4455, 1.4400



98.5120, -3.2104, 3.0590



109.5080, -53.9874, 49.5435



25.4500, -12.5468, 11.0064

Inverse Universe

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



177.2510, 12.6943, -11.6211



216.2270, 19.1151, -17.7391



169.6420, 16.4455, -1.4400



95.4880, 3.2104, -3.0590



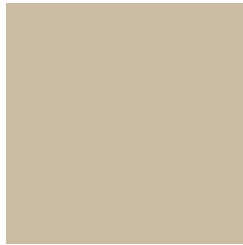
56.4920, 53.9874, -49.5435



13.1370, 12.2575, -11.5211

Previews

White Background



This preview shows how the YUV color 189.7490, -12.6943, 11.6211 looks on a white background.

Color Contrast Check

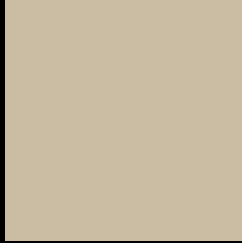
Large Text (above 18pt) WCAG AA × Fail

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 189.7490, -12.6943, 11.6211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

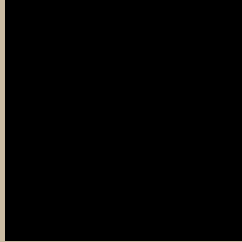
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.7490, -12.6943, 11.6211

Background



This preview shows how black text looks on a background with the YUV color 189.7490, -12.6943, 11.6211.



This preview shows how white text looks on a background with the YUV color 189.7490, -12.6943, 11.6211.

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

189.7490, -12.6943, 11.6211

Protanopia

189.2540, -11.9572, 8.5472

Deuteranopia

191.1140, -12.8742, 22.7020



Tritanopia

191.8860, 3.0142, 13.2550

Trichromacy



Original Color

189.7490, -12.6943, 11.6211

Protanomaly

189.5530, -12.1046, 9.1620

Deuteranomaly

190.7930, -12.7159, 18.5985

Tritanomaly

191.3930, -2.6587, 12.8103

Monochromacy



Original Color

189.7490, -12.6943, 11.6211

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

189.8820, -4.3788, 4.4885

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.7490, -12.6943, 11.6211 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(203, 188, 164)` looks like.

```
.text, #text, p{  
    color:rgb(203, 188, 164)  
}
```

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(203, 188, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 188, 164) }
```

Border

The CSS property to change the border of an element to YUV 189.7490, -12.6943, 11.6211 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(203, 188, 164) }
```


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

```
.border{ border-color:rgb(203, 188, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 188, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 188, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 188, 164);  
box-shadow:4px 4px 4px 4px rgb(203, 188,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 189.7490, -12.6943, 11.6211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 188, 164) }
```

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

```
.background{ background-color: rgb(203,  
188, 164) }
```

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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