

Converting Colors

YUV(173.8080, -25.5413,
25.6014)

Have a look what the booklet for
YUV(173.8080, -25.5413, 25.6014)
contains.

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Color

**YUV(173.8080, -25.5413,
25.6014)**

Conversions

Conversions Part 1

Format	Color
Hex	CBA97A
RGB	203, 169, 122
RGB Percent	80%, 66%, 48%
CMY	0.2039, 0.3373, 0.5216
CMYK	0.00, 0.17, 0.40, 0.20
HSL	35°, 44%, 64%
HSV	35°, 40%, 80%
XYZ	42.3294, 42.4776, 24.3803
YIQ	173.8080, 35.3510, -7.4090

Conversions

Conversions Part 2

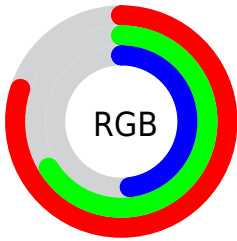
Format	Color
R_{YB}	181, 203, 122
Decimal	13347194
CIE Lab	71.20, 5.97, 28.90
CIE LCh	71, 29.506, 78.320
Yxy	42.4776, 0.3877, 0.3890
Android (android.graphics.Color)	4291537274 (0xFFCBA97A)
YUV	173.8080, -25.5413, 25.6014
Hunter-Lab	65.1748, 1.8753, 23.4434

Details

The YUV color $173.8080, -25.5413, 25.6014$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $151.1920, 25.5413, -25.6014$, and the grayscale version is $174.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.6830, -25.9727, 23.9570$, and $120.9540, -23.6413, 22.8423$ is the 20% darker color. If you saturate the color by 10%, you get $166.2450, -31.6728, 32.2341$, and if you desaturate by 10%, it is $181.3710, -19.4099, 18.9686$.

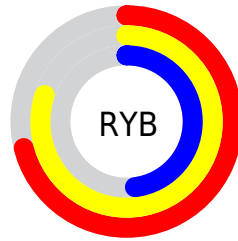
Distribution



Red (80%)

Green (66%)

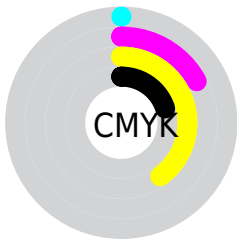
Blue (48%)



Red (71%)

Yellow (80%)

Blue (48%)

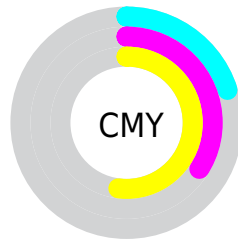


Cyan (0%)

Magenta (17%)

Yellow (40%)

Black (20%)



Cyan (20%)

Magenta (34%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.8080, -25.5413, 25.6014 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 173.8080, -25.5413, 25.6014 by changing the saturation by 10% instead.

■ 173.8080,
-25.5413, 25.6014

■ 173.8080,
-25.5413, 25.6014

255.0000, 0.0000,
0.0000

■ 147.3240,
-24.8097, 24.2719

■ 227.6830,
-25.9727, 23.9570

■ 120.9540,
-23.6413, 22.8423

■ 247.7840,
-22.5715, 6.3284

■ 95.4700, -22.9097,
21.5128

■ 252.2640,
-10.4832, 2.3995

■ 71.6870, -22.0307,
19.5685

■ 48.5620, -22.4621,
17.9241

■ 28.7170, -14.1575,
14.2802

■ 5.9800, -2.9481,

12.2955

■ 0.0000, 0.0000,
0.0000

■ 173.8080,
-25.5413, 25.6014

■ 173.8080,
-25.5413, 25.6014

■ 166.2450,
-31.6728, 32.2341

■ 181.3710,
-19.4099, 18.9686

■ 159.1550,
-38.5304, 38.4521

■ 188.4610,
-12.5523, 12.7507

■ 151.5920,
-44.6619, 45.0848

■ 196.0240, -6.4208,
6.1180

■ 144.6160,
-51.0827, 51.2028

■ 203.0000, 0.0000,
0.0000

■ 137.0530,
-57.2141, 57.8355

■ 210.6770, 6.5682,
-6.7327

■ 129.9630,
-64.0718, 64.0534

■ 217.6530, 12.9891,
-12.8507

■ 224.1900, 15.1893,
-18.5836

■ 228.8860, 12.8742,
-22.7020

■ 234.1690, 10.2697,
-27.3352

Harmonies

Analogous

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



175.6880, -20.0592, 40.6156



173.8080, -25.5413, 25.6014



171.1320, -23.7291, 4.2692

Triad

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



173.8080, -25.5413, 25.6014



160.1110, 14.7353, -59.7333



178.2360, 15.6597, 17.3330

Complementary

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



173.8080, -25.5413, 25.6014



151.1920, 25.5413, -25.6014

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.



175.0630, 24.6189, -9.7023



173.8080, -25.5413, 25.6014



161.9830, 25.6444, -58.7441

Square

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



173.8080, -25.5413, 25.6014



163.9100, -0.4486, -42.8941



168.5000, 28.3475, -39.0265



178.2680, 3.8119, 37.4760

Rectangle

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



173.8080, -25.5413, 25.6014



168.9990, -18.7335, -11.4001



168.5000, 28.3475, -39.0265



177.8050, 19.3231, 8.9410

Sweetspot

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



173.8080, -25.5413, 25.6014



243.8350, -9.7787, 9.7917



150.2090, 3.3480, 46.2977



121.2520, -5.5472, 5.9180



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.



173.8080, -25.5413, 25.6014



211.1550, -38.5304, 38.4521



192.2710, -34.6436, 5.0243



98.5120, -3.2104, 3.0590



105.9860, -52.2511, 52.6323



24.2760, -11.9681, 12.0359

Inverse Universe

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



151.1920, 25.5413, -25.6014



176.8450, 38.5304, -38.4521



132.7290, 34.6436, -5.0243



95.4880, 3.2104, -3.0590



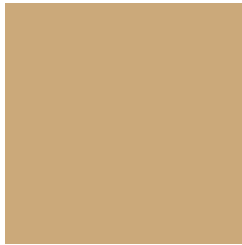
60.0140, 52.2511, -52.6323



13.7240, 11.9681, -12.0359

Previews

White Background



This preview shows how the YUV color 173.8080, -25.5413, 25.6014 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 173.8080, -25.5413, 25.6014 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 173.8080, -25.5413, 25.6014

Background



This preview shows how black text looks on a background with the YUV color 173.8080, -25.5413, 25.6014.



This preview shows how white text looks on a background with the YUV color 173.8080, -25.5413, 25.6014.

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

173.8080, -25.5413, 25.6014

Protanopia

172.4860, -23.9036, 13.6058

Deuteranopia

174.1290, -25.6996, 29.7049



Tritanopia

177.2360, -1.1023, 26.9800

Trichromacy



Original Color

173.8080, -25.5413, 25.6014

Protanomaly

172.6930, -24.4986, 17.8092

Deuteranomaly

174.1180, -25.6942, 27.9605

Tritanomaly

176.2330, -9.9749, 26.1057

Monochromacy



Original Color

173.8080, -25.5413, 25.6014

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.9490, -9.3419, 9.6917

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.8080, -25.5413, 25.6014 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, 169, 122)` looks like.

```
.text, #text, p{  
    color:rgb(203, 169, 122)  
}
```

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, 169, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 169, 122) }
```

Border

The CSS property to change the border of an element to YUV 173.8080, -25.5413, 25.6014 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, 169, 122) }
```


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

```
.border{ border-color:rgb(203, 169, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 169, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 169, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 169, 122);  
box-shadow:4px 4px 4px 4px rgb(203, 169,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 173.8080, -25.5413, 25.6014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 169, 122) }
```

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

```
.background{ background-color: rgb(203,  
169, 122) }
```

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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