

Converting Colors

YUV(172.0850, -25.6779,
22.7275)

Have a look what the booklet for
YUV(172.0850, -25.6779, 22.7275)
contains.

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Color

**YUV(172.0850, -25.6779,
22.7275)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A978
RGB	198, 169, 120
RGB Percent	78%, 66%, 47%
CMY	0.2235, 0.3373, 0.5294
CMYK	0.00, 0.15, 0.39, 0.22
HSL	38°, 41%, 62%
HSV	38°, 39%, 78%
XYZ	40.8668, 41.7378, 23.6716
YIQ	172.0850, 33.0130, -9.0910

Conversions

Conversions Part 2

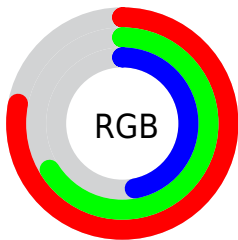
Format	Color
R_{YB}	166, 198, 120
Decimal	13019512
CIE Lab	70.69, 3.72, 29.21
CIE LCh	71, 29.442, 82.743
Yxy	41.7378, 0.3845, 0.3927
Android (android.graphics.Color)	4291209592 (0xFFC6A978)
YUV	172.0850, -25.6779, 22.7275
Hunter-Lab	64.6048, -0.1452, 23.4991

Details

The YUV color $172.0850, -25.6779, 22.7275$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $145.9150, 25.6779, -22.7275$, and the grayscale version is $172.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $227.4550, -26.8463, 24.1570$, and $119.5300, -23.9253, 20.5832$ is the 20% darker color. If you saturate the color by 10%, you get $165.6960, -32.3881, 28.3306$, and if you desaturate by 10%, it is $178.4740, -18.9677, 17.1243$.

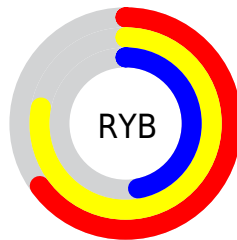
Distribution



Red (78%)

Green (66%)

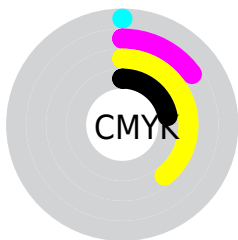
Blue (47%)



Red (65%)

Yellow (78%)

Blue (47%)

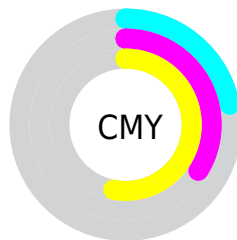


Cyan (0%)

Magenta (15%)

Yellow (39%)

Black (22%)



Cyan (22%)

Magenta (34%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.0850, -25.6779, 22.7275 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 172.0850, -25.6779, 22.7275 by changing the saturation by 10% instead.

■ 172.0850,
-25.6779, 22.7275

■ 172.0850,
-25.6779, 22.7275

255.0000, 0.0000,
0.0000

■ 145.6010,
-24.9463, 21.3979

■ 227.4550,
-26.8463, 24.1570

■ 119.5300,
-23.9253, 20.5832

■ 247.5560,
-23.4451, 6.5284

■ 94.6330, -23.4831,
18.7389

■ 251.9220,
-11.7935, 2.6994

■ 70.2630, -22.3147,
17.3093

■ 47.0240, -23.1828,
15.7650

■ 27.5210, -13.5679,
11.8211

■ 3.8870, -1.9163,

7.9921

■ 0.0000, 0.0000,
0.0000

■ 172.0850,
-25.6779, 22.7275

■ 172.0850,
-25.6779, 22.7275

■ 165.6960,
-32.3881, 28.3306

■ 178.4740,
-18.9677, 17.1243

■ 158.7200,
-38.8090, 34.4486

■ 185.4500,
-12.5468, 11.0064

■ 152.4450,
-45.0824, 39.9517

■ 191.7250, -6.2734,
5.5032

■ 146.0560,
-51.7926, 45.5549

■ 198.1140, 0.4368,
-0.1000

■ 139.0800,
-58.2134, 51.6728

■ 205.0900, 6.8576,
-6.2179

■ 132.6910,
-64.9237, 57.2760

■ 211.4790, 13.5679,
-11.8211

■ 131.9900,
-65.0711, 57.8908

■ 217.9990, 18.2415,
-17.5391

■ 222.1080, 16.2158,
-21.1427

■ 226.2170, 14.1900,
-24.7463

Harmonies

Analogous

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



174.0360, -21.2167, 38.5564



172.0850, -25.6779, 22.7275



169.6370, -22.9920, 1.1954

Triad

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



172.0850, -25.6779, 22.7275



158.6810, 16.9193, -60.2332



176.9160, 14.3384, 21.1217

Complementary

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



172.0850, -25.6779, 22.7275



145.9150, 25.6779, -22.7275

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.



174.1560, 23.5871, -5.3988



172.0850, -25.6779, 22.7275



161.2220, 26.5126, -57.1997

Square

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



172.0850, -25.6779, 22.7275



161.4690, 1.7408, -45.1383



168.2340, 28.4786, -34.4082



177.1110, 1.9173, 38.4907

Rectangle

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



172.0850, -25.6779, 22.7275



166.8460, -16.6861, -14.7739



168.2340, 28.4786, -34.4082



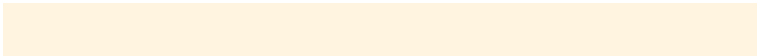
176.3710, 17.5651, 12.8296

Sweetspot

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



172.0850, -25.6779, 22.7275



245.0090, -10.3574, 8.7621



146.7420, 1.6062, 44.9533



121.8390, -5.8366, 5.4032



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.



172.0850, -25.6779, 22.7275



214.9050, -39.3932, 35.1633



186.4170, -32.7436, 2.2653



96.2130, -3.0630, 2.4442



109.1980, -53.8346, 47.1844



23.6780, -11.6733, 10.8064

Inverse Universe

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



145.9150, 25.6779, -22.7275



175.0950, 39.3932, -35.1633



131.5830, 32.7436, -2.2653



92.7870, 3.0630, -2.4442



54.3890, 53.5452, -47.6992



11.7350, 11.9626, -10.2916

Previews

White Background



This preview shows how the YUV color 172.0850, -25.6779, 22.7275 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 172.0850, -25.6779, 22.7275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

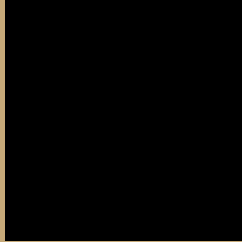
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 172.0850, -25.6779, 22.7275

Background



This preview shows how black text looks on a background with the YUV color 172.0850, -25.6779, 22.7275.



This preview shows how white text looks on a background with the YUV color 172.0850, -25.6779, 22.7275.

22.7275.

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

172.0850, -25.6779, 22.7275

Protanopia

171.3720, -24.3404, 13.7058

Deuteranopia

172.8300, -25.5522, 29.0901



Tritanopia

176.0400, -0.5127, 24.5209

Trichromacy



Original Color

172.0850, -25.6779, 22.7275

Protanomaly

171.8670, -25.0774, 16.7796

Deuteranomaly

172.5200, -25.3994, 26.7310

Tritanomaly

174.9230, -9.8220, 23.7465

Monochromacy



Original Color

172.0850, -25.6779, 22.7275

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.9380, -9.3364, 7.9474

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.0850, -25.6779, 22.7275 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(198, 169, 120)` looks like.

```
.text, #text, p{  
    color:rgb(198, 169, 120)  
}
```

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(198, 169, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 169, 120) }
```

Border

The CSS property to change the border of an element to YUV 172.0850, -25.6779, 22.7275 is called "border".

The border property can be set on classes, ids or directly on the HTML element.

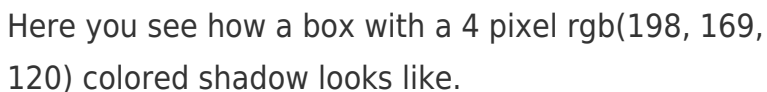
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 169, 120) }
```


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

```
.border{ border-color:rgb(198, 169, 120) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 169, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 169, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 169, 120); box-shadow:4px 4px 4px 4px rgb(198, 169, 120) }
```

Background

The CSS property to change the background color of an element to YUV 172.0850, -25.6779, 22.7275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 169, 120) }
```

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

```
.background{ background-color: rgb(198,  
169, 120) }
```

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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