

Converting Colors

YUV(168.9220, -25.1045,
25.5014)

Have a look what the booklet for
YUV(168.9220, -25.1045, 25.5014)
contains.

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Color

**YUV(168.9220, -25.1045,
25.5014)**

Conversions

Conversions Part 1

Format	Color
Hex	C6A476
RGB	198, 164, 118
RGB Percent	78%, 64%, 46%
CMY	0.2235, 0.3569, 0.5373
CMYK	0.00, 0.17, 0.40, 0.22
HSL	35°, 41%, 62%
HSV	35°, 40%, 78%
XYZ	39.8342, 39.8647, 22.7347
YIQ	168.9220, 35.0300, -7.0980

Conversions

Conversions Part 2

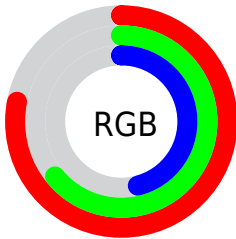
Format	Color
RYB	177, 198, 118
Decimal	13018230
CIELab	69.37, 6.19, 28.54
CIElCh	69, 29.207, 77.767
Yxy	39.8647, 0.3889, 0.3892
Android (android.graphics.Color)	4291208310 (0xFFC6A476)
YUV	168.9220, -25.1045, 25.5014
Hunter-Lab	63.1385, 2.1236, 22.8480

Details

The YUV color **168.9220, -25.1045, 25.5014** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **147.0780, 25.1045, -25.5014**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.2920, -26.2730, 26.9309**, and **116.3670, -23.3519, 23.3571** is the 20% darker color. If you saturate the color by 10%, you get **161.9460, -31.5254, 31.6194**, and if you desaturate by 10%, it is **175.8980, -18.6837, 19.3835**.

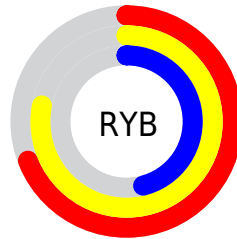
Distribution



Red (78%)

Green (64%)

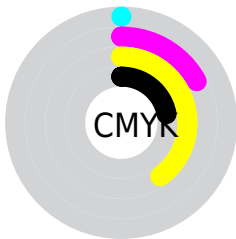
Blue (46%)



Red (69%)

Yellow (78%)

Blue (46%)

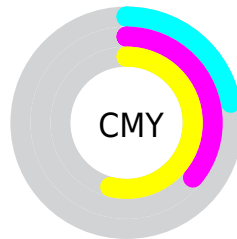


Cyan (0%)

Magenta (17%)

Yellow (40%)

Black (22%)



Cyan (22%)

Magenta (36%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.9220, -25.1045, 25.5014 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 168.9220, -25.1045, 25.5014 by changing the saturation by 10% instead.

■ 168.9220,
-25.1045, 25.5014

■ 168.9220,
-25.1045, 25.5014

255.0000, 0.0000,
0.0000

■ 142.4380,
-24.3729, 24.1719

■ 224.2920,
-26.2730, 26.9309

■ 116.3670,
-23.3519, 23.3571

■ 243.8060,
-22.5824, 9.8171

■ 91.5840, -22.4729,
21.4128

■ 251.6940,
-12.6671, 2.8994

■ 67.8010, -21.5939,
19.4685

■ 44.6760, -22.0253,
17.8241

■ 25.1730, -12.4103,
13.8803

■ 2.6910, -1.3267,

5.5330

■ 0.0000, 0.0000,
0.0000

■ 168.9220,
-25.1045, 25.5014

■ 168.9220,
-25.1045, 25.5014

■ 161.9460,
-31.5254, 31.6194

■ 175.8980,
-18.6837, 19.3835

■ 154.3830,
-37.6568, 38.2521

■ 183.4610,
-12.5523, 12.7507

■ 147.5210,
-43.6409, 44.2701

■ 190.3230, -6.5682,
6.7327

■ 139.9580,
-49.7723, 50.9028

■ 197.8860, -0.4368,
0.1000

■ 132.9820,
-56.1931, 57.0208

■ 204.8620, 5.9840,
-6.0180

■ 126.1200,
-62.1772, 63.0388

■ 211.8380, 12.4049,
-12.1359

■ 219.1730, 17.6627,
-18.5687

■ 223.8690, 15.3476,
-22.6871

■ 229.1520, 12.7431,
-27.3203

Harmonies

Analogous

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



170.5030, -19.4750, 39.9009



168.9220, -25.1045, 25.5014



166.5450, -23.4397, 4.7840

Triad

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



168.9220, -25.1045, 25.5014



155.7090, 14.4405, -58.5038



172.9370, 15.8071, 16.7183

Complementary

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



168.9220, -25.1045, 25.5014



147.0780, 25.1045, -25.5014

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.



169.7640, 24.7663, -10.3170



168.9220, -25.1045, 25.5014



156.8690, 25.2076, -58.6441

Square

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



168.9220, -25.1045, 25.5014



158.8070, -0.8909, -41.0497



163.5000, 28.3475, -39.0265



173.5560, 3.6699, 36.3464

Rectangle

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



168.9220, -25.1045, 25.5014



164.4120, -18.4441, -10.8853



163.5000, 28.3475, -39.0265



172.3920, 19.0337, 8.4262

Sweetspot

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



168.9220, -25.1045, 25.5014



243.8350, -9.7787, 9.7917



145.9100, 3.4954, 45.6829



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.



168.9220, -25.1045, 25.5014



210.5680, -38.2410, 38.9669



187.3850, -34.2068, 4.9244



95.6260, -2.7736, 2.9590



103.9150, -51.2301, 51.8175



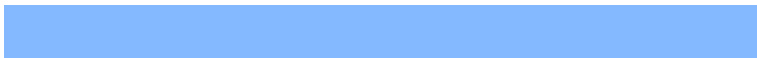
23.0910, -11.3839, 11.3212

Inverse Universe

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



147.0780, 25.1045, -25.5014



177.4320, 38.2410, -38.9669



128.6150, 34.2068, -4.9244



93.3740, 2.7736, -2.9590



59.0850, 51.2301, -51.8175



12.9090, 11.3839, -11.3212

Previews

White Background



This preview shows how the YUV color 168.9220, -25.1045, 25.5014 looks on a white background.

Color Contrast Check

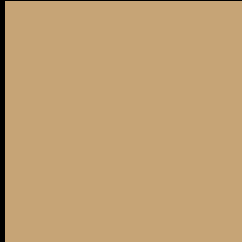
Large Text (above 18pt) WCAG AA × Fail

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 168.9220, -25.1045, 25.5014 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

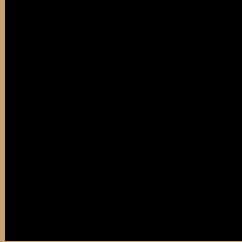
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.9220, -25.1045, 25.5014

Background



This preview shows how black text looks on a background with the YUV color 168.9220, -25.1045, 25.5014.



This preview shows how white text looks on a background with the YUV color 168.9220, -25.1045,

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

168.9220, -25.1045, 25.5014

Protanopia

167.6000, -23.4668, 13.5058

Deuteranopia

168.9440, -25.1154, 28.9901



Tritanopia

172.1220, -1.5391, 27.0800

Trichromacy



Original Color

168.9220, -25.1045, 25.5014

Protanomaly

167.8070, -24.0619, 17.7093

Deuteranomaly

169.2320, -25.2574, 27.8605

Tritanomaly

171.1190, -10.4117, 26.2056

Monochromacy



Original Color

168.9220, -25.1045, 25.5014

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

168.9490, -9.3419, 9.6917

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.9220, -25.1045, 25.5014 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, 164, 118)` looks like.

```
.text, #text, p{  
    color:rgb(198, 164, 118)  
}
```

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, 164, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 164, 118) }
```

Border

The CSS property to change the border of an element to YUV 168.9220, -25.1045, 25.5014 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, 164, 118) }
```


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

```
.border{ border-color:rgb(198, 164, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 164, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 164, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 164, 118);  
box-shadow:4px 4px 4px 4px rgb(198, 164,  
118) }
```

Background

The CSS property to change the background color of an element to YUV 168.9220, -25.1045, 25.5014 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 164, 118) }
```

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

```
.background{ background-color: rgb(198,  
164, 118) }
```

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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