

Converting Colors

YUV(165.4020, -29.7782,
31.2194)

Have a look what the booklet for
YUV(165.4020, -29.7782, 31.2194)
contains.

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Color

**YUV(165.4020, -29.7782,
31.2194)**

Conversions

Conversions Part 1

Format	Color
Hex	C99F69
RGB	201, 159, 105
RGB Percent	79%, 62%, 41%
CMY	0.2118, 0.3765, 0.5882
CMYK	0.00, 0.21, 0.48, 0.21
HSL	34°, 47%, 60%
HSV	34°, 48%, 79%
XYZ	39.0353, 38.2337, 18.6871
YIQ	165.4020, 42.3660, -7.8900

Conversions

Conversions Part 2

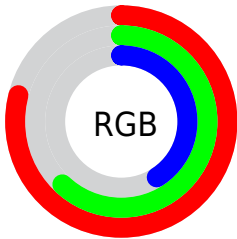
Format	Color
RYB	180, 201, 105
Decimal	13213545
CIELab	68.19, 8.76, 34.01
CIELCh	68, 35.124, 75.560
Yxy	38.2337, 0.4068, 0.3984
Android (android.graphics.Color)	4291403625 (0xFFC99F69)
YUV	165.4020, -29.7782, 31.2194
Hunter-Lab	61.8334, 4.4783, 25.3650

Details

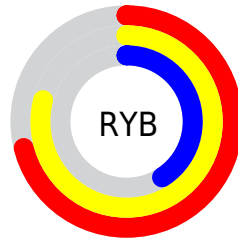
The YUV color $165.4020, -29.7782, 31.2194$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $140.5980, 29.7782, -31.2194$, and the grayscale version is $166.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $219.7610, -30.9412, 30.9046$, and $113.1350, -28.1676, 27.9456$ is the 20% darker color. If you saturate the color by 10%, you get $157.8390, -35.9096, 37.8522$, and if you desaturate by 10%, it is $172.9650, -23.6467, 24.5867$.

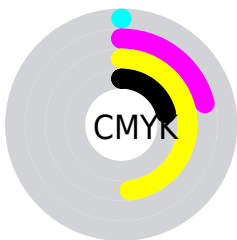
Distribution



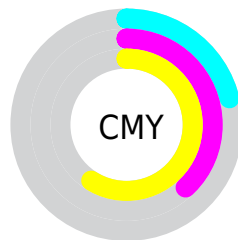
- Red (79%)
- Green (62%)
- Blue (41%)



- Red (71%)
- Yellow (79%)
- Blue (41%)



- Cyan (0%)
- Magenta (21%)
- Yellow (48%)
- Black (21%)



- Cyan (21%)
- Magenta (38%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.4020, -29.7782, 31.2194 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 165.4020, -29.7782, 31.2194 by changing the saturation by 10% instead.

■ 165.4020,
-29.7782, 31.2194

■ 165.4020,
-29.7782, 31.2194

■ 255.0000, 0.0000,
0.0000

■ 138.9180,
-29.0466, 29.8899

■ 219.7610,
-30.9412, 30.9046

■ 113.1350,
-28.1676, 27.9456

■ 239.2750,
-27.2506, 13.7908

■ 88.3520, -27.2885,
26.0013

■ 250.0980,
-18.7823, 4.2991

■ 63.4550, -26.8463,
24.1570

■ 253.4040, -6.1152,
1.3997

■ 42.6270, -21.0151,
20.4981

■ 23.1130, -11.3947,
14.8099

■ 0.8970, -0.4422,

1.8443

■ 0.0000, 0.0000,
0.0000

■ 165.4020,
-29.7782, 31.2194

■ 165.4020,
-29.7782, 31.2194

■ 157.8390,
-35.9096, 37.8522

■ 172.9650,
-23.6467, 24.5867

■ 150.2760,
-42.0411, 44.4849

■ 180.5280,
-17.5153, 17.9539

■ 143.3000,
-48.4619, 50.6029

■ 187.5040,
-11.0945, 11.8360

■ 135.7370,
-54.5933, 57.2357

■ 195.0670, -4.9630,
5.2032

■ 128.1740,
-60.7248, 63.8684

■ 202.7440, 1.6052,
-1.5295

■ 126.4300,
-62.3300, 65.3979

■ 210.3070, 7.7366,
-8.1622

■ 217.8700, 13.8681,
-14.7950

■ 223.5920, 15.4841,
-19.8132

■ 228.8750, 12.8796,
-24.4464

Harmonies

Analogous

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



167.1620, -22.2649, 48.0929



165.4020, -29.7782, 31.2194



162.7750, -28.9761, 7.2133

Triad

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



165.4020, -29.7782, 31.2194



144.9130, 18.2839, -77.9767



170.3870, 20.0222, 18.0776

Complementary

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



165.4020, -29.7782, 31.2194



140.5980, 29.7782, -31.2194

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.



166.3980, 29.8768, -16.1350



165.4020, -29.7782, 31.2194



145.2510, 32.4143, -83.5351

Square

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



165.4020, -29.7782, 31.2194



152.5240, -1.7373, -49.5715



156.7200, 34.6480, -53.2514



170.8710, 5.9796, 42.2091

Rectangle

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



165.4020, -29.7782, 31.2194



159.9730, -22.6647, -10.5003



156.7200, 34.6480, -53.2514



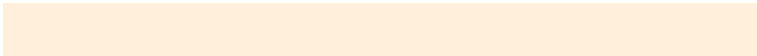
169.6460, 23.8385, 7.3265

Sweetspot

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



165.4020, -29.7782, 31.2194



241.5040, -11.0945, 11.8360



138.6060, 4.6312, 54.7195



119.6220, -6.7156, 7.3475



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.



165.4020, -29.7782, 31.2194



200.9020, -44.8147, 47.4439



188.5610, -41.1956, 6.5240



95.6260, -2.7736, 2.9590



102.7410, -50.6513, 52.8471



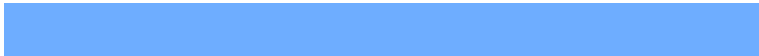
22.5040, -11.0945, 11.8360

Inverse Universe

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



140.5980, 29.7782, -31.2194



163.5110, 45.1041, -46.9291



117.4390, 41.1956, -6.5240



93.3740, 2.7736, -2.9590



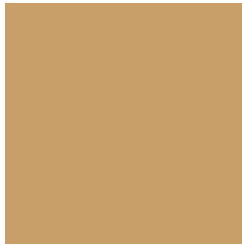
60.2590, 50.6513, -52.8471



13.4960, 11.0945, -11.8360

Previews

White Background



This preview shows how the YUV color 165.4020, -29.7782, 31.2194 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 165.4020, -29.7782, 31.2194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

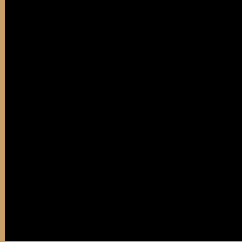
Any Text WCAG AA ✓ Pass

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 165.4020, -29.7782, 31.2194 Background



This preview shows how black text looks on a background with the YUV color 165.4020, -29.7782, 31.2194.



This preview shows how white text looks on a background with the YUV color 165.4020, -29.7782, 31.2194.

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

165.4020, -29.7782, 31.2194

Protanopia

163.8730, -27.5454, 15.0204

Deuteranopia

165.4020, -29.7782, 31.2194



Tritanopia

169.4000, -3.1552, 32.0982

Trichromacy



Original Color

165.4020, -29.7782, 31.2194

Protanomaly

164.0910, -28.1459, 20.9682

Deuteranomaly

165.4020, -29.7782, 31.2194

Tritanomaly

168.1690, -12.9013, 31.4238

Monochromacy



Original Color

165.4020, -29.7782, 31.2194

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.2050, -10.9471, 11.2212

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.4020, -29.7782, 31.2194 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(201, 159, 105)` looks like.

```
.text, #text, p{  
    color:rgb(201, 159, 105)  
}
```

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(201, 159, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 159, 105) }
```

Border

The CSS property to change the border of an element to YUV 165.4020, -29.7782, 31.2194 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(201, 159, 105) }
```


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

```
.border{ border-color:rgb(201, 159, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 159, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 159, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 159, 105);  
box-shadow:4px 4px 4px 4px rgb(201, 159,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 165.4020, -29.7782, 31.2194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 159, 105) }
```

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

```
.background{ background-color: rgb(201,  
159, 105) }
```

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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