

Converting Colors

YUV(165.0850, -29.1289,
9.5725)

Have a look what the booklet for
YUV(165.0850, -29.1289, 9.5725)
contains.

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Color

**YUV(165.0850, -29.1289,
9.5725)**

Conversions

Conversions Part 1

Format	Color
Hex	B0AB6A
RGB	176, 171, 106
RGB Percent	69%, 67%, 42%
CMY	0.3098, 0.3294, 0.5843
CMYK	0.00, 0.03, 0.40, 0.31
HSL	56°, 31%, 55%
HSV	56°, 40%, 69%
XYZ	35.0689, 39.3965, 19.3916
YIQ	165.0850, 23.8450, -19.1550

Conversions

Conversions Part 2

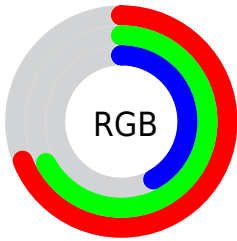
Format	Color
RYB	111, 176, 106
Decimal	11578218
CIELab	69.04, -7.92, 34.09
CIELCh	69, 35.000, 103.085
Yxy	39.3965, 0.3736, 0.4198
Android (android.graphics.Color)	4289768298 (0xFFB0AB6A)
YUV	165.0850, -29.1289, 9.5725
Hunter-Lab	62.7667, -10.1103, 25.6191

Details

The YUV color **165.0850, -29.1289, 9.5725** is a light color, and the websafe version is hex **999966**. A complement of this color would be **116.9150, 29.1289, -9.5725**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3410, -30.7341, 11.1019**, and **112.8290, -27.5237, 8.0430** is the 20% darker color. If you saturate the color by 10%, you get **162.4460, -36.7019, 11.8869**, and if you desaturate by 10%, it is **167.7240, -21.5559, 7.2581**.

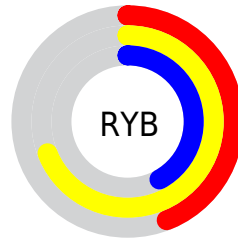
Distribution



Red (69%)

Green (67%)

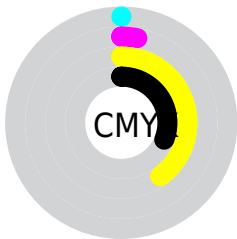
Blue (42%)



Red (44%)

Yellow (69%)

Blue (42%)

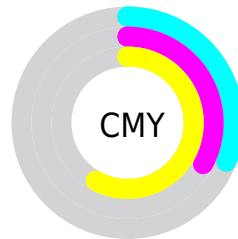


Cyan (0%)

Magenta (3%)

Yellow (40%)

Black (31%)



Cyan (31%)

Magenta (33%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 165.0850, -29.1289, 9.5725 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 165.0850, -29.1289, 9.5725 by changing the saturation by 10% instead.

■ 165.0850,
-29.1289, 9.5725

■ 165.0850,
-29.1289, 9.5725

■ 255.0000, 0.0000,
0.0000

■ 138.9000,
-28.5447, 8.8577

■ 220.3410,
-30.7341, 11.1019

■ 112.8290,
-27.5237, 8.0430

■ 247.0200,
-30.5759, 6.9985

■ 87.7580, -26.5027,
7.2282

■ 250.2120,
-18.3455, 4.1991

■ 63.9320, -27.0815,
6.1986

■ 253.5180, -5.6784,
1.2997

■ 42.5280, -20.9663,
4.7989

■ 23.6120, -11.6407,
0.3403

■ 0.0000, 0.0000,

0.0000

■ 165.0850,
-29.1289, 9.5725

■ 165.0850,
-29.1289, 9.5725

■ 162.4460,
-36.7019, 11.8869

■ 167.7240,
-21.5559, 7.2581

■ 159.3340,
-43.5487, 14.6161

■ 170.8360,
-14.7091, 4.5288

■ 156.6950,
-51.1216, 16.9305

■ 173.4750, -7.1362,
2.2144

■ 154.1700,
-58.2578, 19.1449

■ 176.0000, 0.0000,
0.0000

■ 151.5310,
-65.8308, 21.4593

■ 178.6390, 7.5730,
-2.3144

■ 148.3050,
-73.1144, 24.2885

■ 181.8650, 14.8566,
-5.1436

■ 184.3900, 21.9927,
-7.3580

■ 187.0290, 29.5657,
-9.6724

■ 188.5280, 32.7707,
-10.9871

Harmonies

Analogous

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



167.5270, -29.3468, 32.8638



165.0850, -29.1289, 9.5725



161.0260, -19.7328, -17.5628

Triad

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



165.0850, -29.1289, 9.5725



147.0230, 31.5407, -83.3352



172.6150, 7.5848, 40.6796

Complementary

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



165.0850, -29.1289, 9.5725



116.9150, 29.1289, -9.5725

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.



172.3050, 21.0486, 15.5185



165.0850, -29.1289, 9.5725



157.9970, 34.5115, -56.1254

Square

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



165.0850, -29.1289, 9.5725



148.7670, 16.3839, -75.2177



167.9030, 30.6138, -19.2089



171.3810, -7.5828, 52.2859

Rectangle

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



165.0850, -29.1289, 9.5725



157.6520, -9.1954, -37.4058



167.9030, 30.6138, -19.2089



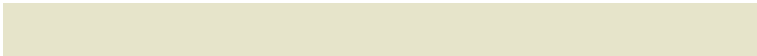
173.1240, 12.2639, 33.2173

Sweetspot

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



165.0850, -29.1289, 9.5725



225.6340, -11.6516, 3.8290



127.6140, -7.6977, 42.4345



112.5890, -6.6994, 2.1144



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



165.0850, -29.1289, 9.5725



212.6500, -46.1695, 15.2159



159.3490, -26.3011, -10.8301



87.9740, -3.9312, 0.8998



129.1010, -63.6468, 20.9594



21.8620, -10.7780, 3.6290

Inverse Universe

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



116.9150, 29.1289, -9.5725



136.3500, 46.1695, -15.2159



122.6510, 26.3011, 10.8301



81.6130, 3.6418, -1.4146



23.8990, 63.6468, -20.9594



4.1380, 10.7780, -3.6290

Previews

White Background



This preview shows how the YUV color 165.0850, -29.1289, 9.5725 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 165.0850, -29.1289, 9.5725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

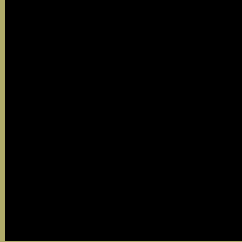
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 165.0850, -29.1289, 9.5725

Background



This preview shows how black text looks on a background with the YUV color 165.0850, -29.1289, 9.5725.



This preview shows how white text looks on a background with the YUV color 165.0850, -29.1289, 9.5725.

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

165.0850, -29.1289, 9.5725

Protanopia

165.6020, -29.8768, 16.1350

Deuteranopia

167.5160, -29.3414, 31.1195



Tritanopia

170.6470, 2.1460, 11.7106

Trichromacy



Original Color

165.0850, -29.1289, 9.5725

Protanomaly

165.2920, -29.7240, 13.7759

Deuteranomaly

166.7600, -29.4617, 23.0125

Tritanomaly

168.6610, -9.1999, 10.8213

Monochromacy



Original Color

165.0850, -29.1289, 9.5725

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.9760, -10.3412, 3.5290

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.0850, -29.1289, 9.5725 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(176, 171, 106)` looks like.

```
.text, #text, p{  
    color:rgb(176, 171, 106)  
}
```

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(176, 171, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 171, 106) }
```

Border

The CSS property to change the border of an element to YUV 165.0850, -29.1289, 9.5725 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(176, 171, 106) }
```


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

```
.border{ border-color:rgb(176, 171, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 171, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 171, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 171, 106);  
box-shadow:4px 4px 4px 4px rgb(176, 171,  
106) }
```

Background

The CSS property to change the background color of an element to YUV 165.0850, -29.1289, 9.5725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 171, 106) }
```

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

```
.background{ background-color: rgb(176,  
171, 106) }
```

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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