

Converting Colors

YUV(166.4090, -3.6526, 4.9033)

Have a look what the booklet for
YUV(166.4090, -3.6526, 4.9033)
contains.

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Color

**YUV(166.4090, -3.6526,
4.9033)**

Conversions

Conversions Part 1

Format	Color
Hex	ACA59F
RGB	172, 165, 159
RGB Percent	67%, 65%, 62%
CMY	0.3255, 0.3529, 0.3765
CMYK	0.00, 0.04, 0.08, 0.33
HSL	28°, 7%, 65%
HSV	28°, 8%, 67%
XYZ	36.7264, 38.1841, 38.2355
YIQ	166.4090, 6.0980, -0.3820

Conversions

Conversions Part 2

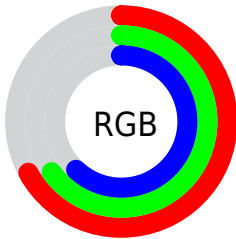
Format	Color
RYB	172, 170, 159
Decimal	11314591
CIELab	68.16, 1.44, 4.00
CIELCh	68, 4.246, 70.196
Yxy	38.1841, 0.3246, 0.3375
Android (android.graphics.Color)	4289504671 (0xFFACA59F)
YUV	166.4090, -3.6526, 4.9033
Hunter-Lab	61.7933, -2.0481, 6.5688

Details

The YUV color **166.4090, -3.6526, 4.9033** is a light color, and the websafe version is hex **999999**. A complement of this color would be **164.5910, 3.6526, -4.9033**, and the grayscale version is **166.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.4090, -3.6526, 4.9033**, and **114.5230, -3.2158, 4.8033** is the 20% darker color. If you saturate the color by 10%, you get **159.1880, -8.4737, 11.2361**, and if you desaturate by 10%, it is **173.6300, 1.1684, -1.4295**.

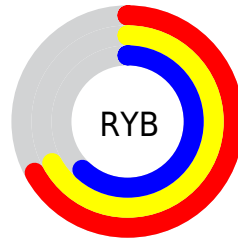
Distribution



Red (67%)

Green (65%)

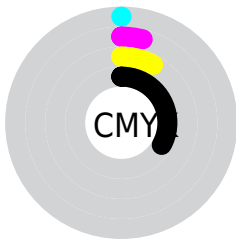
Blue (62%)



Red (67%)

Yellow (67%)

Blue (62%)

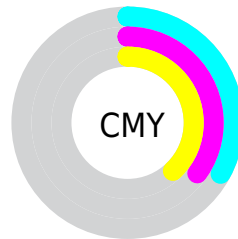


Cyan (0%)

Magenta (4%)

Yellow (8%)

Black (33%)



Cyan (33%)

Magenta (35%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.4090, -3.6526, 4.9033 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 166.4090, -3.6526, 4.9033 by changing the saturation by 10% instead.

■ 166.4090, -3.6526,
4.9033

■ 166.4090, -3.6526,
4.9033

255.0000, 0.0000,
0.0000

■ 140.1100, -3.5052,
4.2885

■ 221.4090, -3.6526,
4.9033

■ 114.5230, -3.2158,
4.8033

■ 249.4090, -3.6526,
4.9033

■ 90.1100, -3.5052,
4.2885

■ 66.2240, -3.0684,
4.1886

■ 44.3380, -2.6316,
4.0886

■ 23.9250, -2.9210,
3.5738

■ 0.0000, 0.0000,

0.0000

■ 166.4090, -3.6526,
4.9033

■ 166.4090, -3.6526,
4.9033

■ 159.1880, -8.4737,
11.2361

■ 173.6300, 1.1684,
-1.4295

■ 151.3800,
-13.0053, 18.0837

■ 181.4380, 5.7001,
-8.2771

■ 144.0450,
-18.2632, 24.5165

■ 188.7730, 10.9579,
-14.7099

■ 136.8240,
-23.0842, 30.8494

■ 195.9940, 15.7790,
-21.0427

■ 129.6030,
-27.9053, 37.1822

■ 203.2150, 20.6000,
-27.3756

■ 121.7950,
-32.4369, 44.0298

■ 210.2250, 22.0741,
-33.5233

■ 114.5740,
-37.2580, 50.3626

■ 215.5080, 19.4696,
-38.1565

■ 107.2390,
-42.5158, 56.7954

■ 220.7910, 16.8650,
-42.7897

■ 100.0180,
-47.3369, 63.1282

■ 226.0740, 14.2605,
-47.4229

Harmonies

Analogous

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



166.6480, -2.7845, 6.4477



166.4090, -3.6526, 4.9033



165.8000, -3.3524, 1.9294

Triad

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



166.4090, -3.6526, 4.9033



164.5970, 1.1847, -6.6626



166.9940, 2.4680, 1.7593

Complementary

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



166.4090, -3.6526, 4.9033



164.5910, 3.6526, -4.9033

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.



166.3140, 3.7892, -2.0294



166.4090, -3.6526, 4.9033



165.0530, 2.9319, -7.0625

Square

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



166.4090, -3.6526, 4.9033



165.0380, -1.0047, -4.4183



165.5910, 3.6526, -4.9033



166.9620, 1.0047, 4.4183

Rectangle

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



166.4090, -3.6526, 4.9033



165.4900, -3.1996, -0.4297



165.5910, 3.6526, -4.9033



166.5100, 3.1996, 0.4297

Sweetspot

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



166.4090, -3.6526, 4.9033



222.3700, -1.1684, 1.4295



163.6850, 1.1413, 7.2923



111.1850, -0.5842, 0.7148



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



166.4090, -3.6526, 4.9033



215.8500, -5.8420, 7.1476



169.9310, -5.3890, 1.8145



83.0390, -2.4842, 3.4738



85.3530, -42.0790, 56.6954



13.3340, -6.5737, 8.4771

Inverse Universe

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



164.5910, 3.6526, -4.9033



212.7370, 5.5527, -7.6623



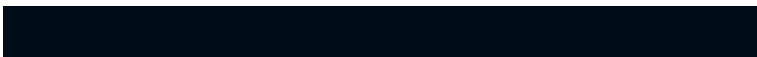
161.0690, 5.3890, -1.8145



81.9610, 2.4842, -3.4738



64.6470, 42.0790, -56.6954



9.6660, 6.5737, -8.4771

Previews

White Background



This preview shows how the YUV color 166.4090, -3.6526, 4.9033 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 166.4090, -3.6526, 4.9033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

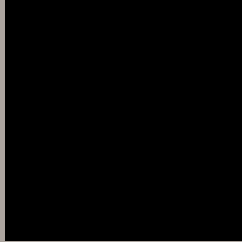
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.4090, -3.6526, 4.9033

Background



This preview shows how black text looks on a background with the YUV color 166.4090, -3.6526, 4.9033.



This preview shows how white text looks on a background with the YUV color 166.4090, -3.6526,

4.9033.

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

166.4090, -3.6526, 4.9033

Protanopia

166.1100, -3.5052, 4.2885

Deuteranopia

167.7630, -3.8272, 14.2398



Tritanopia

167.6570, 3.6201, 5.5628

Trichromacy



Original Color

166.4090, -3.6526, 4.9033

Protanomaly

166.1100, -3.5052, 4.2885

Deuteranomaly

167.1540, -3.5269, 11.2659

Tritanomaly

167.2610, 0.8573, 5.0331

Monochromacy



Original Color

166.4090, -3.6526, 4.9033

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.2560, -1.6052, 1.5295

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.4090, -3.6526, 4.9033 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(172, 165, 159)` looks like.

```
.text, #text, p{  
    color:rgb(172, 165, 159)  
}
```

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(172, 165, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 165, 159) }
```

Border

The CSS property to change the border of an element to YUV 166.4090, -3.6526, 4.9033 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(172, 165, 159) }
```


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

```
.border{ border-color:rgb(172, 165, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 165, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 165, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 165, 159);  
box-shadow:4px 4px 4px 4px rgb(172, 165,  
159) }
```

Background

The CSS property to change the background color of an element to YUV 166.4090, -3.6526, 4.9033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 165, 159) }
```

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

```
.background{ background-color: rgb(172,  
165, 159) }
```

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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