

Converting Colors

YUV(166.6000, -9.6628,
66.1258)

Have a look what the booklet for
YUV(166.6000, -9.6628, 66.1258)
contains.

YUV(166.6000, -9.6628, 66.1258)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(166.6000, -9.6628,
66.1258)**

Conversions

Conversions Part 1

Format	Color
Hex	F28493
RGB	242, 132, 147
RGB Percent	95%, 52%, 58%
CMY	0.0510, 0.4824, 0.4235
CMYK	0.00, 0.45, 0.39, 0.05
HSL	352°, 81%, 73%
HSV	352°, 45%, 95%
XYZ	50.1357, 37.4864, 32.1969
YIQ	166.6000, 60.7450, 27.9850

Conversions

Conversions Part 2

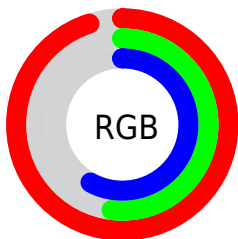
Format	Color
R _Y B	242, 132, 147
Decimal	15893651
CIE Lab	67.64, 43.47, 10.96
CIE LCh	68, 44.834, 14.154
Yxy	37.4864, 0.4184, 0.3129
Android (android.graphics.Color)	4294083731 (0xFFFF28493)
YUV	166.6000, -9.6628, 66.1258
Hunter-Lab	61.2261, 39.0210, 11.6795

Details

The YUV color **166.6000, -9.6628, 66.1258** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **207.4000, 9.6628, -66.1258**, and the grayscale version is **167.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.9280, -3.9085, 40.4051**, and **112.1480, -7.4680, 62.1372** is the 20% darker color. If you saturate the color by 10%, you get **150.1180, -11.8902, 80.5805**, and if you desaturate by 10%, it is **183.0820, -7.4354, 51.6711**.

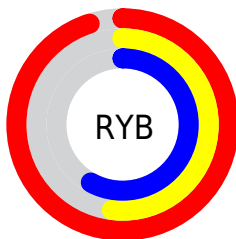
Distribution



Red (95%)

Green (52%)

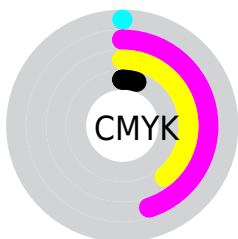
Blue (58%)



Red (95%)

Yellow (52%)

Blue (58%)

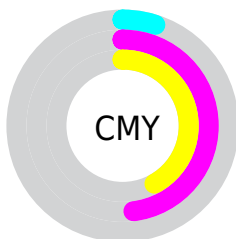


Cyan (0%)

Magenta (45%)

Yellow (39%)

Black (5%)



Cyan (5%)

Magenta (48%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YUV color 166.6000, -9.6628, 66.1258 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 166.6000, -9.6628, 66.1258 by changing the saturation by 10% instead.

 166.6000, -9.6628,
66.1258


 166.6000, -9.6628,
66.1258


255.0000, 0.0000,
0.0000

 138.8170, -8.7838,
64.1815


 208.9280, -3.9085,
40.4051


 112.1480, -7.4680,
62.1372


 228.5560, 0.2189,
23.1914

 85.4790, -6.1521,
60.0929

 248.5430, 3.1833,
5.6628

 57.8640, -3.3840,
58.8783

 32.4230, -1.1945,
56.6340

 21.3860, -8.5713,
42.6345

 13.5690, -6.1965,

27.5650

■ 0.0000, 0.0000,
0.0000

■ 166.6000, -9.6628,
66.1258

■ 166.6000, -9.6628,
66.1258

■ 150.1180,
-11.8902, 80.5805

■ 183.0820, -7.4354,
51.6711

■ 133.6360,
-14.1175, 95.0352

■ 199.5640, -5.2081,
37.2164

■ 116.5670,
-16.0555, 110.0047

■ 216.6330, -3.2701,
22.2469

■ 100.0850,
-18.2829, 124.4595

■ 233.1150, -1.0427,
7.7921

■ 83.7170, -20.0735,
138.8142

■ 249.4830, 0.7479,
-6.5626

■ 76.1200, -21.2582,
145.4768

■ 251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



168.5610, 9.5834, 53.0050



166.6000, -9.6628, 66.1258



164.9740, -27.1022, 59.6588

Triad

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



166.6000, -9.6628, 66.1258



154.7170, -24.5105, -25.1848



141.3760, 49.6076, -91.5378

Complementary

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



166.6000, -9.6628, 66.1258



207.4000, 9.6628, -66.1258

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.



132.5010, 43.1370, -116.2034



166.6000, -9.6628, 66.1258



144.1150, -1.5357, -67.6299

Square

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



166.6000, -9.6628, 66.1258



159.9080, -37.4226, 9.7277



130.0440, 26.1073, -114.0486



162.8620, 39.5080, -25.3120

Rectangle

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



166.6000, -9.6628, 66.1258



163.7200, -35.3580, 47.6036



130.0440, 26.1073, -114.0486



131.5040, 52.0095, -115.3290

Sweetspot

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



166.6000, -9.6628, 66.1258



230.3340, -3.1227, 21.6321



172.3470, 34.3389, 46.1767



112.9200, -1.9326, 13.2252



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.



166.6000, -9.6628, 66.1258



159.0260, -12.3378, 84.1692



187.7830, -27.5010, 47.5483



111.7020, -1.3321, 7.2773



57.8660, -16.2029, 110.6195



17.6560, -4.7604, 33.6277

Inverse Universe

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



166.6000, -9.6628, 66.1258



159.0260, -12.3378, 84.1692



186.2170, 27.5010, -47.5483



111.7020, -1.3321, 7.2773



57.8660, -16.2029, 110.6195



17.6560, -4.7604, 33.6277

Previews

White Background



This preview shows how the YUV color 166.6000, -9.6628, 66.1258 looks on a white background.

Color Contrast Check

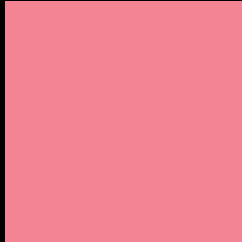
Large Text (above 18pt) WCAG AA × Fail

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 166.6000, -9.6628, 66.1258 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 166.6000, -9.6628, 66.1258 Background



This preview shows how black text looks on a background with the YUV color 166.6000, -9.6628, 66.1258.



This preview shows how white text looks on a background with the YUV color 166.6000, -9.6628,

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

166.6000, -9.6628, 66.1258

Protanopia

165.1960, -0.5896, 2.4591

Deuteranopia

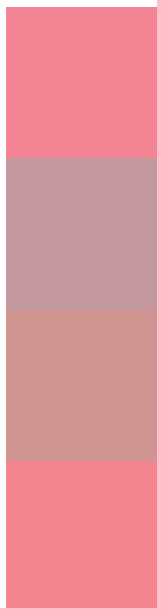
166.0320, -11.8478, 20.1429



Tritanopia

166.6170, -12.1362, 66.1109

Trichromacy



Original Color

166.6000, -9.6628, 66.1258

Protanomaly

165.5410, -3.7177, 25.8355

Deuteranomaly

166.0710, -10.8810, 36.7717

Tritanomaly

166.8450, -11.2626, 65.9109

Monochromacy



Original Color

166.6000, -9.6628, 66.1258

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.6440, -3.2755, 23.9912

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.6000, -9.6628, 66.1258 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(242, 132, 147)` looks like.

```
.text, #text, p{  
    color:rgb(242, 132, 147)  
}
```

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(242, 132, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 132, 147) }
```

Border

The CSS property to change the border of an element to YUV 166.6000, -9.6628, 66.1258 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(242, 132, 147) }
```


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

```
.border{ border-color:rgb(242, 132, 147) }
```

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

Here you see how a box with a 4 pixel rgb(242, 132, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 132, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 132, 147);  
box-shadow:4px 4px 4px 4px rgb(242, 132,  
147) }
```

Background

The CSS property to change the background color of an element to YUV 166.6000, -9.6628, 66.1258 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 132, 147) }
```

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

```
.background{ background-color: rgb(242,  
132, 147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor