

Converting Colors

YUV(149.0490, -3.9682,
59.5930)

Have a look what the booklet for
YUV(149.0490, -3.9682, 59.5930)
contains.

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Color

**YUV(149.0490, -3.9682,
59.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	D9748D
RGB	217, 116, 141
RGB Percent	85%, 45%, 55%
CMY	0.1490, 0.5451, 0.4471
CMYK	0.00, 0.47, 0.35, 0.15
HSL	345°, 57%, 65%
HSV	345°, 47%, 85%
XYZ	39.6684, 29.1656, 28.7381
YIQ	149.0490, 52.1710, 29.1870

Conversions

Conversions Part 2

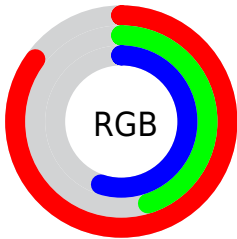
Format	Color
R _Y B	217, 116, 141
Decimal	14251149
CIE Lab	60.93, 42.07, 4.34
CIE LCh	61, 42.296, 5.893
Yxy	29.1656, 0.4066, 0.2989
Android (android.graphics.Color)	4292441229 (0xFFD9748D)
YUV	149.0490, -3.9682, 59.5930
Hunter-Lab	54.0052, 36.6044, 6.2533

Details

The YUV color **149.0490, -3.9682, 59.5930** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **183.9510, 3.9682, -59.5930**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.2650, -1.6096, 49.7566**, and **95.4830, -2.2101, 55.7044** is the 20% darker color. If you saturate the color by 10%, you get **134.3110, -4.5903, 72.5183**, and if you desaturate by 10%, it is **163.7870, -3.3460, 46.6678**.

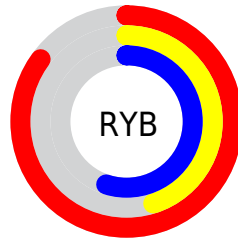
Distribution



Red (85%)

Green (45%)

Blue (55%)



Red (85%)

Yellow (45%)

Blue (55%)

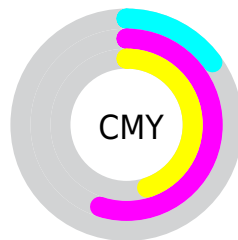


Cyan (0%)

Magenta (47%)

Yellow (35%)

Black (15%)



Cyan (15%)


Magenta (55%)


Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.0490, -3.9682, 59.5930 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 149.0490, -3.9682, 59.5930 by changing the saturation by 10% instead.


 149.0490, -3.9682,
59.5930


 149.0490, -3.9682,
59.5930


255.0000, 0.0000,
0.0000


 122.2660, -3.0891,
57.6487


 198.2650, -1.6096,
49.7566


 95.4830, -2.2101,
55.7044


 217.7790, 2.0810,
32.6428

 69.2270, -0.6049,
54.1749

 238.1080, 6.3558,
14.8143

 39.2750, 3.3154,
56.7638

 25.5740, -0.2830,
44.2236

 15.9610, -7.3758,
32.4832

 2.3920, -1.1793,

4.9182

■ 0.0000, 0.0000,
0.0000

■ 149.0490, -3.9682,
59.5930

■ 149.0490, -3.9682,
59.5930

■ 134.3110, -4.5903,
72.5183

■ 163.7870, -3.3460,
46.6678

■ 120.0460, -5.9387,
85.0287

■ 178.0520, -1.9976,
34.1574

■ 105.3080, -6.5608,
97.9539


■ 192.7900, -1.3755,
21.2322


■ 90.5700, -7.1830,
110.8791

■ 207.5280, -0.7533,
8.3069

■ 76.3050, -8.5314,
123.3895

■ 221.7930, 0.5951,
-4.2035

 71.0390, -8.4002,
128.0078

 236.5310, 1.2172,
-17.1287

 243.6380, 5.6015,
-23.3615

Harmonies

Analogous

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



150.8200, 13.3997, 42.2539



149.0490, -3.9682, 59.5930



147.5700, -20.9870, 58.2591

Triad

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



149.0490, -3.9682, 59.5930



139.0990, -27.1638, -14.1188



117.8430, 47.8984, -103.3483

Complementary

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



149.0490, -3.9682, 59.5930



183.9510, 3.9682, -59.5930

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.



118.5150, 35.2421, -103.9377



149.0490, -3.9682, 59.5930



131.2050, -7.9891, -51.0458

Square

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



149.0490, -3.9682, 59.5930



143.1200, -35.5552, 17.4348



114.8840, 18.7912, -100.7533



141.6710, 39.1092, -37.4225

Rectangle

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



149.0490, -3.9682, 59.5930



146.5120, -29.8324, 48.6630



114.8840, 18.7912, -100.7533



118.2190, 44.2620, -103.6781

Sweetspot

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



149.0490, -3.9682, 59.5930



230.7900, -1.3755, 21.2322



150.2380, 32.9137, 36.6253



113.1480, -1.0590, 13.0252



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.



149.0490, -3.9682, 59.5930



158.8610, -5.3545, 84.3139



160.8740, -22.1229, 49.2225



102.5170, -0.7479, 6.5626



56.6290, -6.7191, 102.0574



15.0080, -1.9759, 27.1800

Inverse Universe

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



149.0490, -3.9682, 59.5930



158.8610, -5.3545, 84.3139



172.1260, 22.1229, -49.2225



102.5170, -0.7479, 6.5626



56.6290, -6.7191, 102.0574



15.0080, -1.9759, 27.1800

Previews

White Background



This preview shows how the YUV color 149.0490, -3.9682, 59.5930 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 149.0490, -3.9682, 59.5930 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

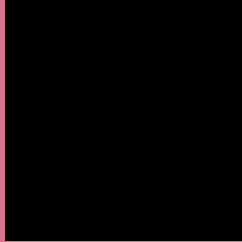
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 149.0490, -3.9682, 59.5930

Background



This preview shows how black text looks on a background with the YUV color 149.0490, -3.9682, 59.5930.



This preview shows how white text looks on a background with the YUV color 149.0490, -3.9682,

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

149.0490, -3.9682, 59.5930

Protanopia

148.3680, 5.2416, -1.1997

Deuteranopia

148.6060, -5.7218, 15.2545



Tritanopia

148.3280, -10.5147, 59.3483

Trichromacy



Original Color

149.0490, -3.9682, 59.5930

Protanomaly

148.5880, 1.6821, 20.5323

Deuteranomaly

149.1180, -5.4812, 31.4685

Tritanomaly

148.3110, -8.0413, 59.3633

Monochromacy



Original Color

149.0490, -3.9682, 59.5930

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.0890, -1.5229, 21.8469

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.0490, -3.9682, 59.5930 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(217, 116, 141)` looks like.

```
.text, #text, p{  
    color:rgb(217, 116, 141)  
}
```

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(217, 116, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 116, 141) }
```

Border

The CSS property to change the border of an element to YUV 149.0490, -3.9682, 59.5930 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(217, 116, 141) }
```


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

```
.border{ border-color:rgb(217, 116, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 116, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 116, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 116, 141);  
box-shadow:4px 4px 4px 4px rgb(217, 116,  
141) }
```

Background

The CSS property to change the background color of an element to YUV 149.0490, -3.9682, 59.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 116, 141) }
```

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

```
.background{ background-color: rgb(217,  
116, 141) }
```

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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