

Converting Colors

YUV(105.9090, 18.7789,
90.4108)

Have a look what the booklet for
YUV(105.9090, 18.7789, 90.4108)
contains.

YUV(105.9090, 18.7789, 90.4108)	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(105.9090, 18.7789,
90.4108)**

Conversions

Conversions Part 1

Format	Color
Hex	D12E90
RGB	209, 46, 144
RGB Percent	82%, 18%, 56%
CMY	0.1804, 0.8196, 0.4353
CMYK	0.00, 0.78, 0.31, 0.18
HSL	324°, 64%, 50%
HSV	324°, 78%, 82%
XYZ	32.3055, 17.5229, 28.0651
YIQ	105.9090, 65.6900, 65.0340

Conversions

Conversions Part 2

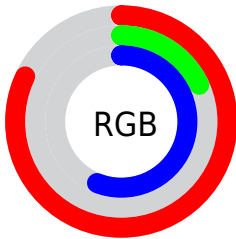
Format	Color
R_{YB}	209, 46, 144
Decimal	13708944
CIE _{Lab}	48.91, 69.14, -15.36
CIE _{LCh}	49, 70.831, 347.472
Yxy	17.5229, 0.4147, 0.2250
Android (android.graphics.Color)	4291899024 (0xFFD12E90)
YUV	105.9090, 18.7789, 90.4108
Hunter-Lab	41.8604, 64.5008, -10.4485

Details

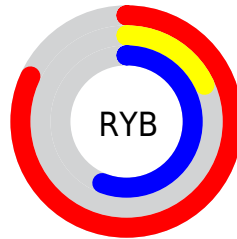
The YUV color **105.9090, 18.7789, 90.4108** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle washed rose. A complement of this color would be **149.0910, -18.7789, -90.4108**, and the grayscale version is **106.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.8000, 17.3536, 80.8594**, and **55.5660, 18.9480, 82.8186** is the 20% darker color. If you saturate the color by 10%, you get **92.6700, 21.3617, 102.0214**, and if you desaturate by 10%, it is **119.1480, 16.1960, 78.8002**.

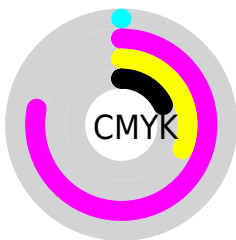
Distribution



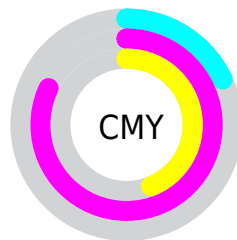
- Red (82%)
- Green (18%)
- Blue (56%)



- Red (82%)
- Yellow (18%)
- Blue (56%)



- Cyan (0%)
- Magenta (78%)
- Yellow (31%)
- Black (18%)





- Cyan (18%)
- Magenta (82%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YUV color 105.9090, 18.7789, 90.4108 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 105.9090, 18.7789, 90.4108 by changing the saturation by 10% instead.


 105.9090, 18.7789,
90.4108


 105.9090, 18.7789,
90.4108


255.0000, 0.0000,
0.0000

 66.9730, 25.1563,
98.2477

 162.8000, 17.3536,
80.8594


 55.5660, 18.9480,
82.8186


 183.0150, 21.1916,
63.1308

 44.1590, 12.7396,
67.3896


 203.3440, 25.4664,
45.3023

 32.8660, 6.9681,
51.8605

 220.3670, 17.0741,
30.3731

 22.8120, 2.0647,
37.8759

 237.9770, 8.3923,
14.9292

 10.5790, -4.7224,
21.4172

 0.0000, 0.0000,

0.0000

■ 105.9090, 18.7789,
90.4108

■ 105.9090, 18.7789,
90.4108

■ 92.6700, 21.3617,
102.0214

■ 119.1480, 16.1960,
78.8002

■ 79.3170, 23.5077,
113.7320

■ 132.5010, 14.0500,
67.0896

■ 76.8550, 24.2285,
115.8912

■ 145.7400, 11.4672,
55.4790

■ 158.9790, 8.8844,
43.8684

■ 172.3320, 6.7383,
32.1578

■ 184.9840, 4.4449,
21.0620

■ 198.2230, 1.8621,
9.4514

■ 211.5760, -0.2840,
-2.2592

■ 224.8150, -2.8668,
-13.8698

Harmonies

Analogous

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



118.2580, 39.3128, 37.4847



105.9090, 18.7789, 90.4108



100.5970, -8.1823, 104.7164

Triad

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



105.9090, 18.7789, 90.4108



105.0800, -51.8044, 2.5608



105.4360, 48.5921, -92.4674

Complementary

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



105.9090, 18.7789, 90.4108



149.0910, -18.7789, -90.4108

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.



100.5680, 24.8630, -88.1981



105.9090, 18.7789, 90.4108



84.8140, -31.9533, -64.7349

Square

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



105.9090, 18.7789, 90.4108



109.4860, -53.9766, 46.0548



92.7990, -2.3659, -81.3847



103.5730, 64.3005, -90.8335

Rectangle

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



105.9090, 18.7789, 90.4108



105.6020, -29.3838, 91.5570



92.7990, -2.3659, -81.3847



104.1990, 41.3139, -91.3825

Sweetspot

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



105.9090, 18.7789, 90.4108



217.7450, 7.0277, 32.6726



83.1200, 62.0588, 21.8198



105.1580, 3.8661, 20.0324



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.



105.9090, 18.7789, 90.4108



103.1760, 27.5212, 133.1496



96.9030, -15.7282, 98.3091



97.9730, 0.9993, 6.1627



61.7460, 19.3522, 93.1848



15.1090, 4.8763, 22.7064

Inverse Universe

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



105.9090, 18.7789, 90.4108



103.1760, 27.5212, 133.1496



158.0970, 15.7282, -98.3091



97.9730, 0.9993, 6.1627



61.7460, 19.3522, 93.1848



15.1090, 4.8763, 22.7064

Previews

White Background



This preview shows how the YUV color 105.9090, 18.7789, 90.4108 looks on a white background.

Color Contrast Check

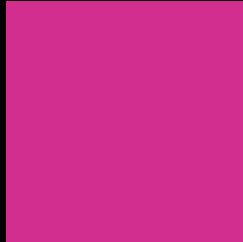
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 105.9090, 18.7789, 90.4108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

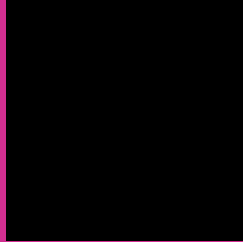
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 105.9090, 18.7789, 90.4108

Background



This preview shows how black text looks on a background with the YUV color 105.9090, 18.7789, 90.4108.



This preview shows how white text looks on a background with the YUV color 105.9090, 18.7789,

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

105.9090, 18.7789, 90.4108

Protanopia

114.3350, 38.7818, -25.7268

Deuteranopia

117.8890, 8.4357, 0.9743



Tritanopia

109.8210, -18.1528, 82.5950

Trichromacy



Original Color

105.9090, 18.7789, 90.4108

Protanomaly

111.0630, 31.5209, 16.6077

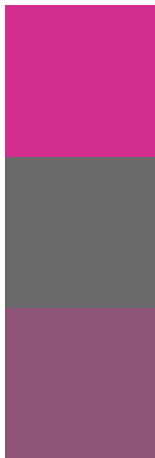
Deuteranomaly

113.4230, 12.1165, 33.8320

Tritanomaly

108.6870, -4.7757, 85.3435

Monochromacy



Original Color

105.9090, 18.7789, 90.4108

Achromatopsia

106.0000, 0.0000, 0.0000

Achromatomaly

105.7450, 7.0277, 32.6726

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.9090, 18.7789, 90.4108 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(209, 46, 144)` looks like.

```
.text, #text, p{  
    color:rgb(209, 46, 144)  
}
```

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(209, 46, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 46, 144) }
```

Border

The CSS property to change the border of an element to YUV 105.9090, 18.7789, 90.4108 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(209, 46, 144) }
```


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

```
.border{ border-color:rgb(209, 46, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 46, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 46, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 46, 144);  
box-shadow:4px 4px 4px 4px rgb(209, 46,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 105.9090, 18.7789, 90.4108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 46, 144) }
```

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

```
.background{ background-color: rgb(209, 46,  
144) }
```

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