

Converting Colors

YUV(191.9510, 14.8142,
55.2940)

Have a look what the booklet for
YUV(191.9510, 14.8142, 55.2940)
contains.

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Color

**YUV(191.9510, 14.8142,
55.2940)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9ADE
RGB	255, 154, 222
RGB Percent	100%, 60%, 87%
CMY	0.0000, 0.3961, 0.1294
CMYK	0.00, 0.40, 0.13, 0.00
HSL	320°, 100%, 80%
HSV	320°, 40%, 100%
XYZ	65.9804, 49.6451, 75.2122
YIQ	191.9510, 38.3680, 42.5600

Conversions

Conversions Part 2

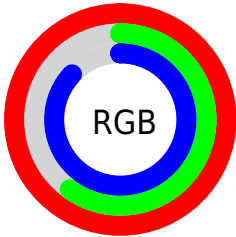
Format	Color
R _Y B	255, 154, 222
Decimal	16751326
CIE Lab	75.85, 46.81, -18.43
CIE LCh	76, 50.309, 338.507
Yxy	49.6451, 0.3457, 0.2601
Android (android.graphics.Color)	4294941406 (0xFFFF9ADE)
YUV	191.9510, 14.8142, 55.2940
Hunter-Lab	70.4593, 43.8495, -13.9679

Details

The YUV color **191.9510, 14.8142, 55.2940** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **217.0490, -14.8142, -55.2940**, and the grayscale version is **192.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **228.5850, 13.0226, 23.1660**, and **136.6410, 14.9670, 52.9348** is the 20% darker color. If you saturate the color by 10%, you get **176.3640, 18.5545, 68.9638**, and if you desaturate by 10%, it is **207.5380, 11.0738, 41.6242**.

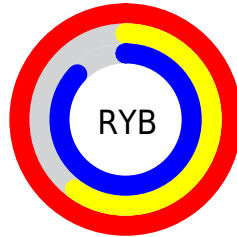
Distribution



Red (100%)

Green (60%)

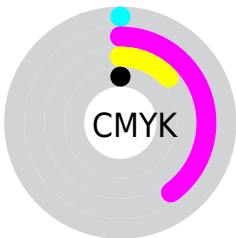
Blue (87%)



Red (100%)

Yellow (60%)

Blue (87%)

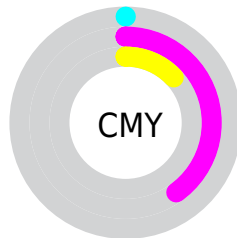


Cyan (0%)

Magenta (40%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 191.9510, 14.8142, 55.2940 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 191.9510, 14.8142, 55.2940 by changing the saturation by 10% instead.


 191.9510, 14.8142,
55.2940

 191.9510, 14.8142,
55.2940


255.0000, 0.0000,
0.0000


 164.2390, 14.6722,
54.1644


 228.5850, 13.0226,
23.1660


 136.6410, 14.9670,
52.9348

 245.6080, 4.6303,
8.2368

 109.6300, 14.9724,
51.1905

 83.1460, 15.7040,
49.8610

 54.6130, 17.4458,
51.2054

 33.5370, 16.0043,
46.8871

 23.2550, 10.2273,

33.1024

■ 13.9840, 4.4449,
21.0620

■ 0.0000, 0.0000,
0.0000

■ 191.9510, 14.8142,
55.2940

■ 191.9510, 14.8142,
55.2940

■ 176.3640, 18.5545,
68.9638

■ 207.5380, 11.0738,
41.6242

■ 160.0760, 22.1475,
83.2483

■ 223.8260, 7.4808,
27.3396

■ 144.4890, 25.8879,
96.9181

■ 240.0000, 3.4510,
13.1550

■ 128.3150, 29.9177,
111.1027

■ 255.0000, 0.0000,
0.0000

■ 112.0270, 33.5107,
125.3873

■ 96.4400, 37.2511,
139.0571

■ 95.8530, 37.5405,
139.5719

Harmonies

Analogous

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



191.0520, 31.5264, 14.8634



191.9510, 14.8142, 55.2940



183.6580, -4.2684, 62.5669

Triad

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



191.9510, 14.8142, 55.2940



182.1280, -44.4331, 18.3047



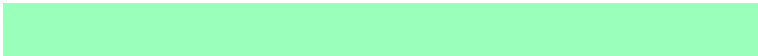
150.3850, 45.6592, -131.8876

Complementary

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



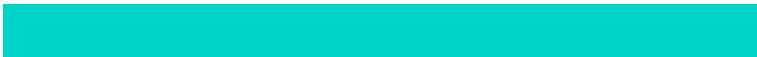
191.9510, 14.8142, 55.2940



217.0490, -14.8142, -55.2940

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.



146.5430, 25.8613, -128.5182



191.9510, 14.8142, 55.2940



176.5020, -31.7995, -20.6113

Square

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



191.9510, 14.8142, 55.2940



185.0210, -41.9154, 50.8476



165.9210, -7.3561, -67.4597



147.0570, 53.2159, -128.9690

Rectangle

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



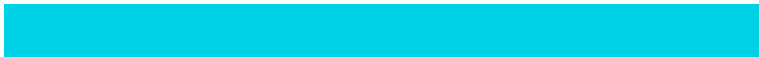
191.9510, 14.8142, 55.2940



182.5860, -18.5299, 63.5071



165.9210, -7.3561, -67.4597



149.4900, 39.6914, -131.1027

Sweetspot

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



191.9510, 14.8142, 55.2940



235.6630, 4.6031, 16.9585



175.0820, 39.3996, 9.5751



116.7500, 2.5883, 9.8663



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.



191.9510, 14.8142, 55.2940



178.8260, 17.8338, 66.8046



186.3650, -6.5889, 60.1929



119.7990, 1.5781, 7.1923



71.8150, 28.1922, 104.5252



24.0380, 9.3483, 35.0467

Inverse Universe

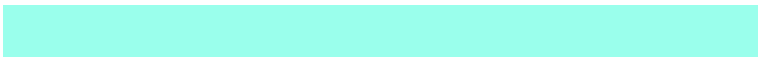
The Inverse Universe completely reimagines the original color for something new.



191.9510, 14.8142, 55.2940



178.8260, 17.8338, 66.8046



222.6350, 6.5889, -60.1929



119.7990, 1.5781, 7.1923



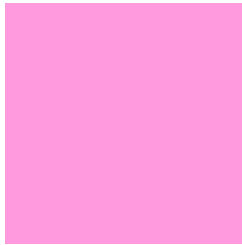
71.8150, 28.1922, 104.5252



24.0380, 9.3483, 35.0467

Previews

White Background



This preview shows how the YUV color 191.9510, 14.8142, 55.2940 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 191.9510, 14.8142, 55.2940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

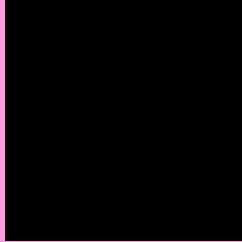
Any Text WCAG AA ✓ Pass

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 191.9510, 14.8142, 55.2940 Background



This preview shows how black text looks on a background with the YUV color 191.9510, 14.8142, 55.2940.



This preview shows how white text looks on a background with the YUV color 191.9510, 14.8142,

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

191.9510, 14.8142, 55.2940

Protanopia

187.8390, 27.6874, -13.8908

Deuteranopia

189.2680, 13.6719, 1.5190



Tritanopia

190.3810, -7.5828, 52.2859

Trichromacy



Original Color

191.9510, 14.8142, 55.2940



Protanomaly

189.4400, 22.9541, 11.0151



Deuteranomaly

189.9160, 14.3384, 21.1217



Tritanomaly

191.1560, 0.4161, 53.3602

Monochromacy



Original Color

191.9510, 14.8142, 55.2940



Achromatopsia

192.0000, 0.0000, 0.0000



Achromatomaly

191.9130, 5.4659, 20.2473

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.9510, 14.8142, 55.2940 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(255, 154, 222)` looks like.

```
.text, #text, p{  
    color:rgb(255, 154, 222)  
}
```

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(255, 154, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 154, 222) }
```

Border

The CSS property to change the border of an element to YUV 191.9510, 14.8142, 55.2940 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(255, 154, 222) }
```


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

```
.border{ border-color:rgb(255, 154, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 154, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 154, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 154, 222);  
box-shadow:4px 4px 4px 4px rgb(255, 154,  
222) }
```

Background

The CSS property to change the background color of an element to YUV 191.9510, 14.8142, 55.2940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 154, 222) }
```

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

```
.background{ background-color: rgb(255,  
154, 222) }
```

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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