

Converting Colors

YUV(193.2390, 14.6722,
54.1644)

Have a look what the booklet for
YUV(193.2390, 14.6722, 54.1644)
contains.

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Color

**YUV(193.2390, 14.6722,
54.1644)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9CDF
RGB	255, 156, 223
RGB Percent	100%, 61%, 87%
CMY	0.0000, 0.3882, 0.1255
CMYK	0.00, 0.39, 0.13, 0.00
HSL	319°, 100%, 81%
HSV	319°, 39%, 100%
XYZ	66.4477, 50.3646, 76.0312
YIQ	193.2390, 37.4970, 41.8250

Conversions

Conversions Part 2

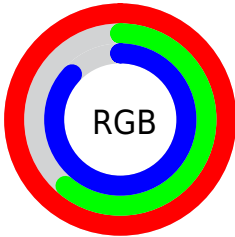
Format	Color
R _Y B	255, 156, 223
Decimal	16751839
CIE _{Lab}	76.29, 45.95, -18.31
CIE _{LCh}	76, 49.464, 338.273
Yxy	50.3646, 0.3446, 0.2612
Android (android.graphics.Color)	4294941919 (0xFFFF9CDF)
YUV	193.2390, 14.6722, 54.1644
Hunter-Lab	70.9681, 42.9364, -13.8424

Details

The YUV color **193.2390, 14.6722, 54.1644** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **217.7610, -14.6722, -54.1644**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7590, 12.4438, 22.1364**, and **137.9290, 14.8250, 51.8053** is the 20% darker color. If you saturate the color by 10%, you get **177.6520, 18.4126, 67.8342**, and if you desaturate by 10%, it is **209.4130, 10.6424, 39.9798**.

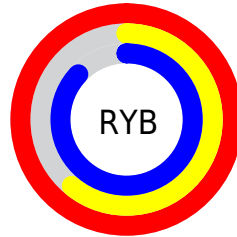
Distribution



Red (100%)

Green (61%)

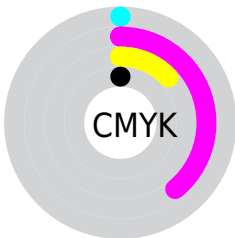
Blue (87%)



Red (100%)

Yellow (61%)

Blue (87%)

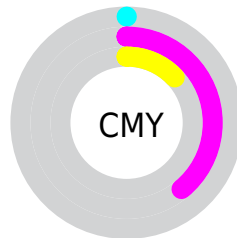


Cyan (0%)

Magenta (39%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (39%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the YUV color 193.2390, 14.6722, 54.1644 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 193.2390, 14.6722, 54.1644 by changing the saturation by 10% instead.


 193.2390, 14.6722,
54.1644


 193.2390, 14.6722,
54.1644


255.0000, 0.0000,
0.0000


 165.5270, 14.5302,
53.0348


 229.7590, 12.4438,
22.1364


 137.9290, 14.8250,
51.8053

 246.7820, 4.0515,
7.2072

 110.9180, 14.8304,
50.0609

 84.7330, 15.4146,
49.3462

 56.7870, 16.8670,
50.1758

 33.6510, 16.4411,
46.7871

 23.6680, 10.5167,

33.6172

■ 14.0980, 4.8817,
20.9621

■ 0.0000, 0.0000,
0.0000

■ 193.2390, 14.6722,
54.1644

■ 193.2390, 14.6722,
54.1644

■ 177.6520, 18.4126,
67.8342

■ 209.4130, 10.6424,
39.9798

■ 161.4780, 22.4423,
82.0188

■ 225.0000, 6.9020,
26.3100

■ 145.7770, 25.7459,
95.7886

■ 241.2880, 3.3090,
12.0254

■ 129.6030, 29.7757,
109.9732

■ 255.0000, 0.0000,
0.0000

■ 114.0160, 33.5161,
123.6430

■ 97.8420, 37.5459,
137.8276

■ 95.9670, 37.9773,
139.4719

Harmonies

Analogous

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



191.9380, 31.0896, 14.9634



193.2390, 14.6722, 54.1644



185.0600, -3.9736, 61.3374

Triad

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



193.2390, 14.6722, 54.1644



183.3560, -43.5595, 18.1048



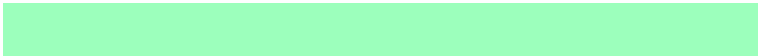
150.9720, 45.3698, -132.4024

Complementary

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



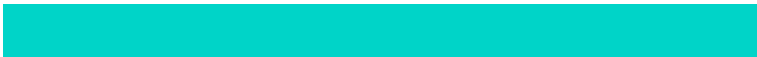
193.2390, 14.6722, 54.1644



217.7610, -14.6722, -54.1644

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.



147.2440, 26.0087, -129.1330



193.2390, 14.6722, 54.1644



177.9150, -31.5101, -20.0965

Square

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



193.2390, 14.6722, 54.1644



186.8360, -41.3311, 50.1328



167.9320, -7.3615, -65.7154



147.6440, 52.9265, -129.4838

Rectangle

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



193.2390, 14.6722, 54.1644



183.4010, -17.9457, 62.7923



167.9320, -7.3615, -65.7154



150.0770, 39.4020, -131.6175

Sweetspot

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



193.2390, 14.6722, 54.1644



235.6630, 4.6031, 16.9585



176.5550, 38.6734, 9.1603



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.



193.2390, 14.6722, 54.1644



180.1140, 17.6918, 65.6750



187.6530, -6.7309, 59.0633



119.7990, 1.5781, 7.1923



71.8150, 28.1922, 104.5252



24.0380, 9.3483, 35.0467

Inverse Universe

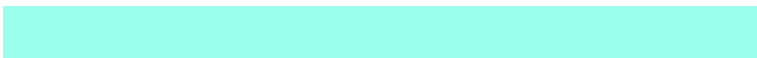
The Inverse Universe completely reimagines the original color for something new.



193.2390, 14.6722, 54.1644



180.1140, 17.6918, 65.6750



223.3470, 6.7309, -59.0633



119.7990, 1.5781, 7.1923



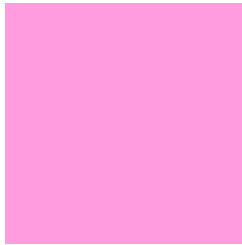
71.8150, 28.1922, 104.5252



24.0380, 9.3483, 35.0467

Previews

White Background



This preview shows how the YUV color 193.2390, 14.6722, 54.1644 looks on a white background.

Color Contrast Check

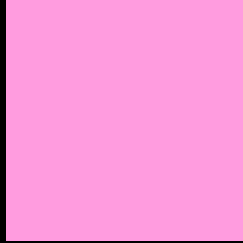
Large Text (above 18pt) WCAG AA × Fail

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 193.2390, 14.6722, 54.1644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

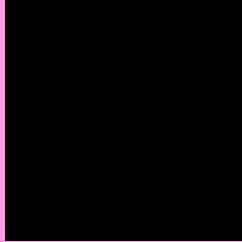
Any Text WCAG AA ✓ Pass

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 193.2390, 14.6722, 54.1644 Background



This preview shows how black text looks on a background with the YUV color 193.2390, 14.6722, 54.1644.



This preview shows how white text looks on a background with the YUV color 193.2390, 14.6722, 54.1644.

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

193.2390, 14.6722, 54.1644

Protanopia

188.7250, 27.2506, -13.7908

Deuteranopia

190.5670, 13.5245, 2.1337



Tritanopia

191.7830, -7.2880, 51.0563

Trichromacy



Original Color

193.2390, 14.6722, 54.1644



Protanomaly

190.3260, 22.5173, 11.1151



Deuteranomaly

191.8020, 13.9016, 21.2216



Tritanomaly

192.5580, 0.7109, 52.1306

Monochromacy



Original Color

193.2390, 14.6722, 54.1644



Achromatopsia

193.0000, 0.0000, 0.0000



Achromatomaly

193.5000, 5.1765, 19.7325

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.2390, 14.6722, 54.1644 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, 156, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 223)  
}
```

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, 156, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 223) }
```

Border

The CSS property to change the border of an element to YUV 193.2390, 14.6722, 54.1644 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, 156, 223) }
```


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

```
.border{ border-color:rgb(255, 156, 223) }
```

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

Here you see how a box with a 4 pixel rgb(255, 156, 223) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
223) }
```

Background

The CSS property to change the background color of an element to YUV 193.2390, 14.6722, 54.1644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 223) }
```

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

```
.background{ background-color: rgb(255,  
156, 223) }
```

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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