

Converting Colors

YUV(191.6720, 21.3607,
55.5387)

Have a look what the booklet for
YUV(191.6720, 21.3607, 55.5387)
contains.

YUV(191.6720, 21.3607, 55.5387)	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(191.6720, 21.3607,
55.5387)**

Conversions

Conversions Part 1

Format	Color
Hex	FF97EB
RGB	255, 151, 235
RGB Percent	100%, 59%, 92%
CMY	0.0000, 0.4078, 0.0784
CMYK	0.00, 0.41, 0.08, 0.00
HSL	312°, 100%, 80%
HSV	312°, 41%, 100%
XYZ	67.3020, 49.3914, 84.5835
YIQ	191.6720, 35.0200, 48.1720

Conversions

Conversions Part 2

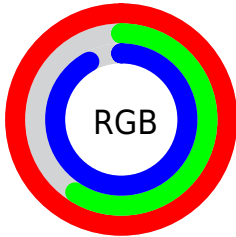
Format	Color
R _Y B	255, 151, 235
Decimal	16750571
CIE Lab	75.69, 50.42, -25.76
CIE LCh	76, 56.622, 332.938
Yxy	49.3914, 0.3344, 0.2454
Android (android.graphics.Color)	4294940651 (0xFFFF97EB)
YUV	191.6720, 21.3607, 55.5387
Hunter-Lab	70.2790, 47.9506, -22.1626

Details

The YUV color **191.6720, 21.3607, 55.5387** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **214.3280, -21.3607, -55.5387**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.8240, 13.8908, 24.7104**, and **136.2480, 21.0767, 53.2795** is the 20% darker color. If you saturate the color by 10%, you get **176.4270, 26.4115, 68.9085**, and if you desaturate by 10%, it is **207.5040, 16.0205, 41.6540**.

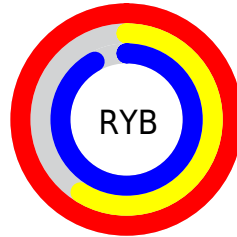
Distribution



Red (100%)

Green (59%)

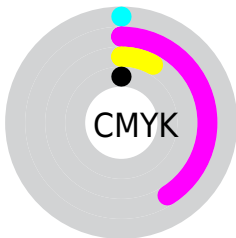
Blue (92%)



Red (100%)

Yellow (59%)

Blue (92%)

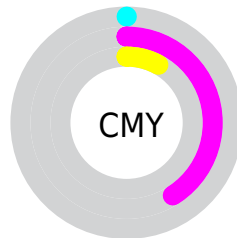


Cyan (0%)

Magenta (41%)

Yellow (8%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 191.6720, 21.3607, 55.5387 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 191.6720, 21.3607, 55.5387 by changing the saturation by 10% instead.


 191.6720, 21.3607,
55.5387

 191.6720, 21.3607,
55.5387


255.0000, 0.0000,
0.0000


 163.6610, 21.3661,
53.7943


 226.8240, 13.8908,
24.7104


 136.2480, 21.0767,
53.2795

 243.8470, 5.4984,
9.7812

 108.6500, 21.3715,
52.0499

 81.4650, 21.9558,
51.3352

 49.9970, 25.1445,
55.2536

 34.7910, 20.8090,
45.7873

 24.2810, 14.1585,

32.2026

■ 14.7110, 8.5235,
19.5475

■ 0.3420, 1.3104,
-0.2999

■ 191.6720, 21.3607,
55.5387

■ 191.6720, 21.3607,
55.5387

■ 176.4270, 26.4115,
68.9085

■ 207.5040, 16.0205,
41.6540

■ 160.5950, 31.7517,
82.7932

■ 222.7490, 10.9697,
28.2841

■ 145.3500, 36.8025,
96.1630

■ 238.5810, 5.6296,
14.3995

■ 129.5180, 42.1426,
110.0477

■ 253.8260, 0.5788,
1.0296

■ 114.2730, 47.1934, 255.0000, 0.0000,
123.4176 0.0000

■ 99.7290, 52.3916,
136.1727

Harmonies

Analogous

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



188.3500, 32.8585, 7.5861



191.6720, 21.3607, 55.5387



179.8740, 1.5411, 65.8855

Triad

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



191.6720, 21.3607, 55.5387



180.8750, -50.7174, 27.2966



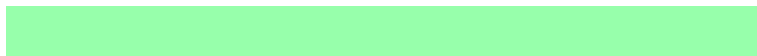
151.4450, 44.6436, -132.8173

Complementary

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



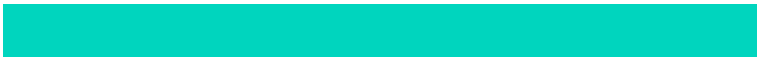
191.6720, 21.3607, 55.5387



214.3280, -21.3607, -55.5387

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.



146.6910, 21.3513, -128.6480



191.6720, 21.3607, 55.5387



175.4720, -39.6727, -15.3229

Square

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



191.6720, 21.3607, 55.5387



183.9900, -44.8581, 61.3988



164.0150, -13.3184, -68.4192



148.8180, 52.3477, -130.5134

Rectangle

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



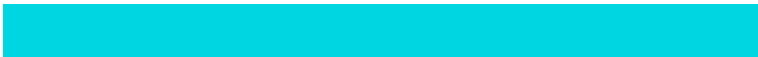
191.6720, 21.3607, 55.5387



178.3460, -14.4676, 67.2256



164.0150, -13.3184, -68.4192



150.7950, 37.0761, -132.2472

Sweetspot

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



191.6720, 21.3607, 55.5387



236.1190, 6.3503, 16.5586



168.5370, 42.6263, 1.2831



116.9780, 3.4618, 9.6663



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.



191.6720, 21.3607, 55.5387



178.8890, 25.6907, 66.7493



185.8580, -0.9160, 60.6375



120.0270, 2.4517, 6.9923



74.6650, 39.1122, 102.0258



24.9500, 12.8427, 34.2468

Inverse Universe

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



191.6720, 21.3607, 55.5387



178.8890, 25.6907, 66.7493



220.1420, 0.9160, -60.6375



120.0270, 2.4517, 6.9923



74.6650, 39.1122, 102.0258



24.9500, 12.8427, 34.2468

Previews

White Background



This preview shows how the YUV color 191.6720, 21.3607, 55.5387 looks on a white background.

Color Contrast Check

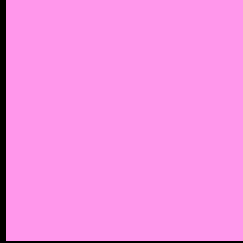
Large Text (above 18pt) WCAG AA × Fail

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 191.6720, 21.3607, 55.5387 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

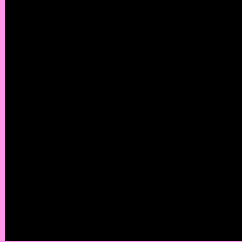
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.6720, 21.3607, 55.5387

Background



This preview shows how black text looks on a background with the YUV color 191.6720, 21.3607, 55.5387.



This preview shows how white text looks on a background with the YUV color 191.6720, 21.3607,

55.5387.

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

191.6720, 21.3607, 55.5387

Protanopia

187.2990, 33.3766, -18.6792

Deuteranopia

188.5430, 19.9453, -3.9842



Tritanopia

189.8970, -6.8512, 50.9563

Trichromacy



Original Color

191.6720, 21.3607, 55.5387



Protanomaly

189.0250, 29.0747, 7.8711



Deuteranomaly

189.5010, 20.4590, 17.9776



Tritanomaly

190.8400, 3.0369, 52.7603

Monochromacy



Original Color

191.6720, 21.3607, 55.5387



Achromatopsia

192.0000, 0.0000, 0.0000



Achromatomaly

191.8960, 7.9393, 20.2622

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.6720, 21.3607, 55.5387 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, 151, 235)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 235)  
}
```

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, 151, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 235) }
```

Border

The CSS property to change the border of an element to YUV 191.6720, 21.3607, 55.5387 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, 151, 235) }
```


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

```
.border{ border-color:rgb(255, 151, 235) }
```

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

Here you see how a box with a 4 pixel rgb(255, 151, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 235);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 191.6720, 21.3607, 55.5387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 235) }
```

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

```
.background{ background-color: rgb(255,  
151, 235) }
```

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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