

Converting Colors

YUV(191.6040, 31.2542,
55.5983)

Have a look what the booklet for
YUV(191.6040, 31.2542, 55.5983)
contains.

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Color

**YUV(191.6040, 31.2542,
55.5983)**

Conversions

Conversions Part 1

Format	Color
Hex	FF93FF
RGB	255, 147, 255
RGB Percent	100%, 58%, 100%
CMY	0.0000, 0.4235, 0.0000
CMYK	0.00, 0.42, 0.00, 0.00
HSL	300°, 100%, 79%
HSV	300°, 42%, 100%
XYZ	69.7237, 49.3474, 100.4579
YIQ	191.6040, 29.7000, 56.4840

Conversions

Conversions Part 2

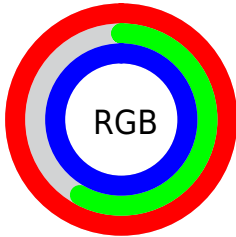
Format	Color
R _Y B	255, 147, 255
Decimal	16749567
CIE Lab	75.67, 55.82, -36.66
CIE LCh	76, 66.782, 326.709
Yxy	49.3474, 0.3176, 0.2248
Android (android.graphics.Color)	4294939647 (0xFFFF93FF)
YUV	191.6040, 31.2542, 55.5983
Hunter-Lab	70.2477, 54.2350, -35.6144

Details

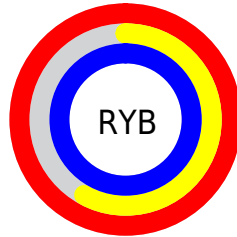
The YUV color **191.6040, 31.2542, 55.5983** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **210.3960, -31.2542, -55.5983**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.4760, 15.0483, 26.7695**, and **135.1800, 30.9703, 53.3391** is the 20% darker color. If you saturate the color by 10%, you get **176.9290, 38.4890, 68.4683**, and if you desaturate by 10%, it is **206.2790, 24.0195, 42.7283**.

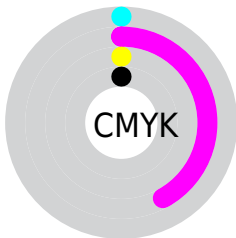
Distribution



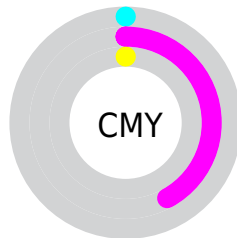
- Red (100%)
- Green (58%)
- Blue (100%)



- Red (100%)
- Yellow (58%)
- Blue (100%)



- Cyan (0%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)





- Cyan (0%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 191.6040, 31.2542, 55.5983 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 191.6040, 31.2542, 55.5983 by changing the saturation by 10% instead.


 191.6040, 31.2542,
55.5983

 191.6040, 31.2542,
55.5983


255.0000, 0.0000,
0.0000


 163.4790, 30.8229,
53.9539


 224.4760, 15.0483,
26.7695


 135.1800, 30.9703,
53.3391

 241.4990, 6.6560,
11.8404

 107.7670, 30.6809,
52.8243

 79.4080, 31.8439,
53.1392

 47.2390, 34.8852,
57.6724

 36.2020, 27.5084,
43.6728

 25.6920, 20.8578,

30.0881

■ 15.7090, 14.9335,
16.9182

■ 3.2090, 9.7570,
-2.8143

■ 191.6040, 31.2542,
55.5983

■ 191.6040, 31.2542,
55.5983

■ 176.9290, 38.4890,
68.4683

■ 206.2790, 24.0195,
42.7283

■ 161.6670, 46.0132,
81.8530

■ 221.5410, 16.4953,
29.3435

■ 146.4050, 53.5373,
95.2378

■ 236.8030, 8.9711,
15.9588

■ 131.7300, 60.7721,
108.1078

■ 251.4780, 1.7363,
3.0888

■ 116.4680, 68.2963, 255.0000, 0.0000,
121.4926 0.0000

■ 105.3150, 73.7947,
131.2737

Harmonies

Analogous

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



183.2450, 35.3752, -6.3539



191.6040, 31.2542, 55.5983



174.8990, 10.4028, 70.2486

Triad

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



191.6040, 31.2542, 55.5983



179.5640, -62.3961, 39.8474



154.1520, 42.3231, -135.1913

Complementary

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



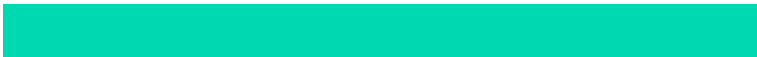
191.6040, 31.2542, 55.5983



210.3960, -31.2542, -55.5983

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.



146.9700, 14.8048, -128.8927



191.6040, 31.2542, 55.5983



173.9000, -52.2087, -7.8053

Square

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



191.6040, 31.2542, 55.5983



177.8660, -46.7689, 67.6465



161.3000, -22.3329, -70.4231



152.3400, 50.6114, -133.6022

Rectangle

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



191.6040, 31.2542, 55.5983



170.6980, -8.2321, 73.9329



161.3000, -22.3329, -70.4231



151.8720, 33.5871, -133.1917

Sweetspot

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



191.6040, 31.2542, 55.5983



235.6290, 9.5499, 16.9884



159.3120, 47.1742, -10.7976



115.6730, 6.0772, 10.8108



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.



191.6040, 31.2542, 55.5983



178.6900, 37.6208, 66.9239



185.4480, 7.6671, 60.9971



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Inverse Universe

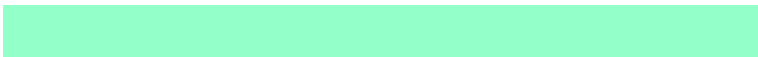
The Inverse Universe completely reimagines the original color for something new.



191.6040, 31.2542, 55.5983



178.6900, 37.6208, 66.9239



216.5520, -7.6671, -60.9971



120.3690, 3.7621, 6.6924



78.8830, 55.2737, 98.3266



26.4320, 18.5210, 32.9471

Previews

White Background



This preview shows how the YUV color 191.6040, 31.2542, 55.5983 looks on a white background.

Color Contrast Check

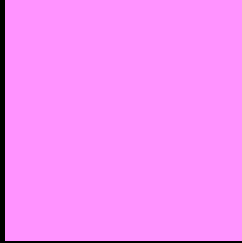
Large Text (above 18pt) WCAG AA × Fail

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 191.6040, 31.2542, 55.5983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

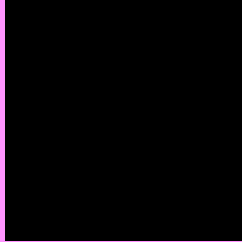
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 191.6040, 31.2542, 55.5983

Background



This preview shows how black text looks on a background with the YUV color 191.6040, 31.2542, 55.5983.



This preview shows how white text looks on a background with the YUV color 191.6040, 31.2542, 55.5983.

55.5983.

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

191.6040, 31.2542, 55.5983

Protanopia

187.0000, 33.5240, -19.2940

Deuteranopia

187.4090, 29.8714, -14.3907



Tritanopia

189.7010, -6.2616, 48.4972

Trichromacy



Original Color

191.6040, 31.2542, 55.5983



Protanomaly

188.6490, 32.7110, 8.2008



Deuteranomaly

189.3890, 30.3742, 11.0598

Tritanomaly

190.5670, 7.1155, 51.2457

Monochromacy



Original Color

191.6040, 31.2542, 55.5983



Achromatopsia

192.0000, 0.0000, 0.0000



Achromatomaly

192.1070, 11.2862, 20.0772

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.6040, 31.2542, 55.5983 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, 147, 255)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 255)  
}
```

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, 147, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 255) }
```

Border

The CSS property to change the border of an element to YUV 191.6040, 31.2542, 55.5983 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, 147, 255) }
```


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

```
.border{ border-color:rgb(255, 147, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 147, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 255);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 191.6040, 31.2542, 55.5983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 147, 255) }
```

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

```
.background{ background-color: rgb(255,  
147, 255) }
```

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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