

Converting Colors

YUV(183.6080, 35.1963,
51.2098)

Have a look what the booklet for
YUV(183.6080, 35.1963, 51.2098)
contains.

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Color

**YUV(183.6080, 35.1963,
51.2098)**

Conversions

Conversions Part 1

Format	Color
Hex	F28CFF
RGB	242, 140, 255
RGB Percent	95%, 55%, 100%
CMY	0.0510, 0.4510, 0.0000
CMYK	0.05, 0.45, 0.00, 0.00
HSL	293°, 100%, 77%
HSV	293°, 45%, 100%
XYZ	64.0460, 44.8534, 99.8897
YIQ	183.6080, 23.8770, 57.3890

Conversions

Conversions Part 2

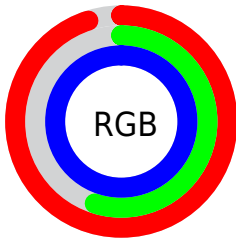
Format	Color
R_{YB}	242, 140, 255
Decimal	15895807
CIE _{Lab}	72.80, 55.61, -41.24
CIE _{LCh}	73, 69.234, 323.441
Yxy	44.8534, 0.3067, 0.2148
Android (android.graphics.Color)	4294085887 (0xFFFF28CFF)
YUV	183.6080, 35.1963, 51.2098
Hunter-Lab	66.9727, 53.4975, -41.5501

Details

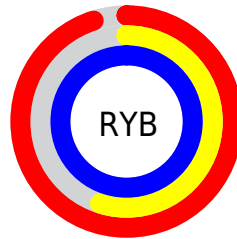
The YUV color **183.6080, 35.1963, 51.2098** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **211.3920, -35.1963, -51.2098**, and the grayscale version is **183.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3670, 17.0741, 30.3731**, and **128.0700, 34.4755, 49.0506** is the 20% darker color. If you saturate the color by 10%, you get **168.0360, 42.8733, 62.2354**, and if you desaturate by 10%, it is **199.7670, 27.2299, 39.6693**.

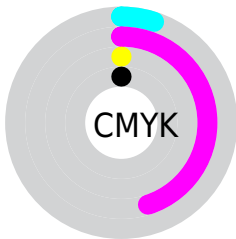
Distribution



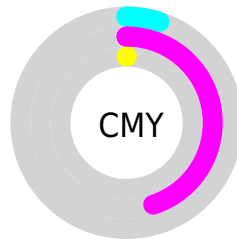
- Red (95%)
- Green (55%)
- Blue (100%)



- Red (95%)
- Yellow (55%)
- Blue (100%)



- Cyan (5%)
- Magenta (45%)
- Yellow (0%)
- Black (0%)





- Cyan (5%)
- Magenta (45%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 183.6080, 35.1963, 51.2098 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 183.6080, 35.1963, 51.2098 by changing the saturation by 10% instead.


 183.6080, 35.1963,
51.2098

 183.6080, 35.1963,
51.2098


255.0000, 0.0000,
0.0000

 155.7820, 34.6175,
50.1802


 220.3670, 17.0741,
30.3731


 128.0700, 34.4755,
49.0506


 237.3900, 8.6817,
15.4440

 100.6570, 34.1861,
48.5358

254.4130, 0.2894,
0.5148

 71.5970, 35.2017,
49.4654

 43.5370, 36.2173,
50.3951

 32.6140, 29.2773,
36.2955

 22.4030, 22.4793,

23.3256

■ 11.4090, 16.5604,
8.4113

■ 3.2090, 9.7570,
-2.8143

■ 183.6080, 35.1963,
51.2098

■ 183.6080, 35.1963,
51.2098

■ 168.0360, 42.8733,
62.2354

■ 199.7670, 27.2299,
39.6693

■ 151.8770, 50.8396,
73.7759

■ 215.3390, 19.5529,
28.6437

■ 136.3050, 58.5166,
84.8015

■ 231.4980, 11.5865,
17.1033

■ 120.1460, 66.4830,
96.3420

■ 247.0700, 3.9095,
6.0776

■ 104.8730, 74.0126, 255.0000, 0.0000,
107.9824 0.0000

■ 96.6440, 78.0695,
113.4452

Harmonies

Analogous

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



173.7320, 40.0651, -17.3050



183.6080, 35.1963, 51.2098



168.9150, 12.8599, 75.4965

Triad

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



183.6080, 35.1963, 51.2098



171.5000, -65.3225, 45.1655



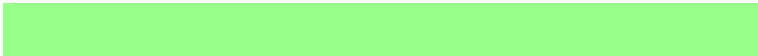
148.5610, 38.6704, -130.2880

Complementary

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



183.6080, 35.1963, 51.2098



211.3920, -35.1963, -51.2098

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.



140.5640, 10.5679, -123.2746



183.6080, 35.1963, 51.2098



165.8530, -57.6085, -2.5021

Square

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



183.6080, 35.1963, 51.2098



170.1380, -45.9170, 74.4240



153.4810, -26.8591, -65.3198



148.2310, 52.6371, -129.9986

Rectangle

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



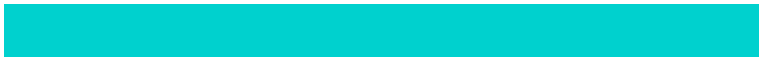
183.6080, 35.1963, 51.2098



163.5400, -5.1962, 80.2104



153.4810, -26.8591, -65.3198



146.1670, 29.4977, -128.1885

Sweetspot

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



183.6080, 35.1963, 51.2098



232.6720, 11.0077, 16.0737



160.7410, 46.4697, -18.1899



114.1890, 6.8088, 9.4812



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.



183.6080, 35.1963, 51.2098



169.2100, 42.2945, 61.2058



182.4790, 14.0609, 63.6009



119.7710, 4.0569, 5.4628



72.6040, 58.3692, 85.4163



24.3390, 19.5529, 28.6437

Inverse Universe

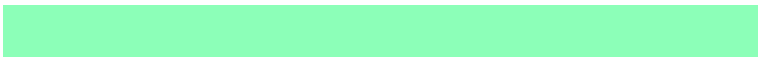
The Inverse Universe completely reimagines the original color for something new.



175.8670, -11.2734, 69.3996



160.0860, -13.3534, 83.2396



212.5210, -14.0609, -63.6009



119.0010, -1.4795, 7.8921



59.6170, -18.5452, 115.2229



19.9340, -6.3765, 38.6459

Previews

White Background



This preview shows how the YUV color 183.6080, 35.1963, 51.2098 looks on a white background.

Color Contrast Check

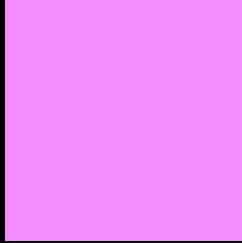
Large Text (above 18pt) WCAG AA × Fail

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 183.6080, 35.1963, 51.2098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

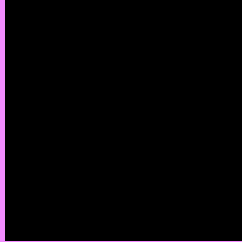
Any Text WCAG AA ✓ Pass

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 183.6080, 35.1963, 51.2098 Background



This preview shows how black text looks on a background with the YUV color 183.6080, 35.1963, 51.2098.



This preview shows how white text looks on a background with the YUV color 183.6080, 35.1963,

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

183.6080, 35.1963, 51.2098

Protanopia

178.7160, 37.6080, -22.5529

Deuteranopia

178.8150, 34.1082, -20.0088



Tritanopia

181.8960, -5.3717, 43.0642

Trichromacy



Original Color

183.6080, 35.1963, 51.2098



Protanomaly

180.6530, 36.6531, 3.8123



Deuteranomaly

180.7950, 34.6111, 5.4418

Tritanomaly

182.5170, 9.6051, 46.0276

Monochromacy



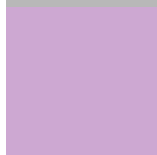
Original Color

183.6080, 35.1963, 51.2098



Achromatopsia

184.0000, 0.0000, 0.0000



Achromatomaly

183.8510, 12.8915, 18.5477

CSS Examples

Text

The CSS property to change the color of the text to YUV 183.6080, 35.1963, 51.2098 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(242, 140, 255)` looks like.

```
.text, #text, p{  
    color:rgb(242, 140, 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(242, 140, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 140, 255) }
```

Border

The CSS property to change the border of an element to YUV 183.6080, 35.1963, 51.2098 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(242, 140, 255) }
```


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

```
.border{ border-color:rgb(242, 140, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 140, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 140, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 140, 255);  
box-shadow:4px 4px 4px 4px rgb(242, 140,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 183.6080, 35.1963, 51.2098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 140, 255) }
```

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

```
.background{ background-color: rgb(242,  
140, 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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