

Converting Colors

YUV(188.0020, 27.6070,
58.7572)

Have a look what the booklet for
YUV(188.0020, 27.6070, 58.7572)
contains.

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Color

**YUV(188.0020, 27.6070,
58.7572)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8FF4
RGB	255, 143, 244
RGB Percent	100%, 56%, 96%
CMY	0.0000, 0.4392, 0.0431
CMYK	0.00, 0.44, 0.04, 0.00
HSL	306°, 100%, 78%
HSV	306°, 44%, 100%
XYZ	67.3916, 47.4366, 91.1922
YIQ	188.0020, 34.3310, 55.1550

Conversions

Conversions Part 2

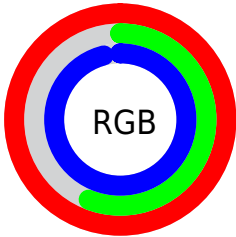
Format	Color
R _Y B	255, 143, 244
Decimal	16748532
CIE Lab	74.47, 55.90, -32.54
CIE LCh	74, 64.687, 329.796
Yxy	47.4366, 0.3271, 0.2303
Android (android.graphics.Color)	4294938612 (0xFFFF8FF4)
YUV	188.0020, 27.6070, 58.7572
Hunter-Lab	68.8742, 54.1276, -30.2904

Details

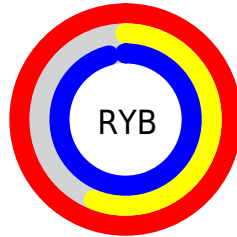
The YUV color **188.0020, 27.6070, 58.7572** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **209.9980, -27.6070, -58.7572**, and the grayscale version is **188.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.1280, 16.2059, 28.8287**, and **131.5780, 27.3230, 56.4981** is the 20% darker color. If you saturate the color by 10%, you get **172.9850, 33.5314, 71.9272**, and if you desaturate by 10%, it is **203.6060, 21.3932, 45.0725**.

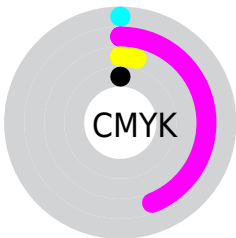
Distribution



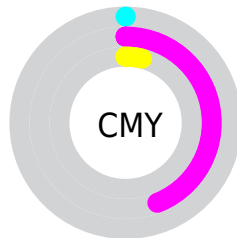
- Red (100%)
- Green (56%)
- Blue (96%)



- Red (100%)
- Yellow (56%)
- Blue (96%)



- Cyan (0%)
- Magenta (44%)
- Yellow (4%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 188.0020, 27.6070, 58.7572 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 188.0020, 27.6070, 58.7572 by changing the saturation by 10% instead.


 188.0020, 27.6070,
58.7572


 188.0020, 27.6070,
58.7572


255.0000, 0.0000,
0.0000


 159.8770, 27.1756,
57.1129


 222.1280, 16.2059,
28.8287


 131.5780, 27.3230,
56.4981

 239.1510, 7.8136,
13.8996

 104.2790, 27.4705,
55.8833

 75.3330, 28.9228,
56.7130

 45.8000, 30.6646,
58.0574

 35.2900, 24.0140,
44.4727

 24.7800, 17.3635,

30.8879

■ 14.7970, 11.4391,
17.7180

■ 2.1830, 5.8258,
-1.9145

■ 188.0020, 27.6070,
58.7572

■ 188.0020, 27.6070,
58.7572

■ 172.9850, 33.5314,
71.9272

■ 203.6060, 21.3932,
45.0725

■ 157.4950, 40.1820,
85.5119

■ 218.5090, 15.0321,
32.0026

■ 141.8910, 46.3957,
99.1966

■ 234.1130, 8.8183,
18.3179

■ 126.9880, 52.7569,
112.2665

■ 249.0160, 2.4571,
5.2480

■ 111.9710, 58.6813, 255.0000, 0.0000,
125.4364 0.0000

■ 102.4650, 62.8748,
133.7732

Harmonies

Analogous

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



182.4030, 35.7903, 0.5236



188.0020, 27.6070, 58.7572



173.1720, 6.3242, 71.7632

Triad

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



188.0020, 27.6070, 58.7572



176.2150, -59.7590, 34.0144



151.3310, 44.2068, -132.7173

Complementary

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



188.0020, 27.6070, 58.7572



209.9980, -27.6070, -58.7572

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.



145.0780, 17.7095, -127.2334



188.0020, 27.6070, 58.7572



170.6050, -48.1193, -12.8086

Square

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



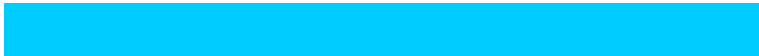
188.0020, 27.6070, 58.7572



178.1110, -48.3687, 67.4317



156.2330, -17.3699, -75.6263



149.4050, 52.0583, -131.0282

Rectangle

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



188.0020, 27.6070, 58.7572



169.7860, -11.7265, 74.7327



156.2330, -17.3699, -75.6263



149.7520, 35.6183, -131.3325

Sweetspot

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



188.0020, 27.6070, 58.7572



235.2870, 8.2395, 17.2883



158.4590, 47.5947, -5.6645



115.3310, 4.7668, 11.1107



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.



188.0020, 27.6070, 58.7572



174.2730, 33.3894, 70.7976



181.8460, 4.0199, 64.1561



120.1410, 2.8885, 6.8923



76.7170, 46.9745, 100.2262



25.6340, 15.4634, 33.6470

Inverse Universe

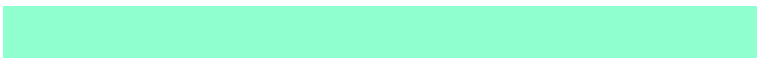
The Inverse Universe completely reimagines the original color for something new.



188.0020, 27.6070, 58.7572



174.2730, 33.3894, 70.7976



216.1540, -4.0199, -64.1561



120.1410, 2.8885, 6.8923



76.7170, 46.9745, 100.2262



25.6340, 15.4634, 33.6470

Previews

White Background



This preview shows how the YUV color 188.0020, 27.6070, 58.7572 looks on a white background.

Color Contrast Check

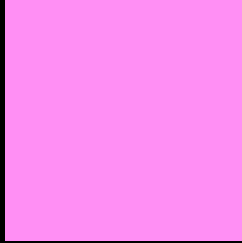
Large Text (above 18pt) WCAG AA × Fail

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 188.0020, 27.6070, 58.7572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

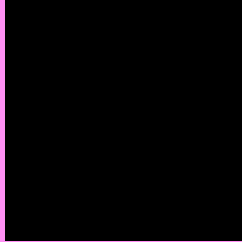
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.0020, 27.6070, 58.7572

Background



This preview shows how black text looks on a background with the YUV color 188.0020, 27.6070, 58.7572.



This preview shows how white text looks on a background with the YUV color 188.0020, 27.6070,

58.7572.

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

188.0020, 27.6070, 58.7572

Protanopia

183.1570, 35.4186, -20.3087

Deuteranopia

184.4050, 25.9293, -10.0022



Tritanopia

186.3810, -7.5828, 52.2859

Trichromacy



Original Color

188.0020, 27.6070, 58.7572



Protanomaly

184.9480, 32.5636, 8.8156



Deuteranomaly

186.0860, 26.5796, 14.8336



Tritanomaly

186.8340, 5.5048, 54.5196

Monochromacy



Original Color

188.0020, 27.6070, 58.7572



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

188.0640, 9.8284, 20.9919

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.0020, 27.6070, 58.7572 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, 143, 244)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 244)  
}
```

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, 143, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 244) }
```

Border

The CSS property to change the border of an element to YUV 188.0020, 27.6070, 58.7572 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, 143, 244) }
```


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

```
.border{ border-color:rgb(255, 143, 244) }
```

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

Here you see how a box with a 4 pixel rgb(255, 143, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 244);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
244) }
```

Background

The CSS property to change the background color of an element to YUV 188.0020, 27.6070, 58.7572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 244) }
```

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

```
.background{ background-color: rgb(255,  
143, 244) }
```

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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