

Converting Colors

YUV(188.8510, 23.2445,
58.0127)

Have a look what the booklet for
YUV(188.8510, 23.2445, 58.0127)
contains.

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Color

**YUV(188.8510, 23.2445,
58.0127)**

Conversions

Conversions Part 1

Format	Color
Hex	FF92EC
RGB	255, 146, 236
RGB Percent	100%, 57%, 93%
CMY	0.0000, 0.4275, 0.0745
CMYK	0.00, 0.43, 0.07, 0.00
HSL	310°, 100%, 79%
HSV	310°, 43%, 100%
XYZ	66.6592, 47.8739, 85.0841
YIQ	188.8510, 36.0740, 51.0980

Conversions

Conversions Part 2

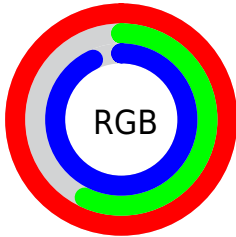
Format	Color
R_{YB}	255, 146, 236
Decimal	16749292
CIE _{Lab}	74.75, 53.09, -27.76
CIE _{LCh}	75, 59.908, 332.397
Yxy	47.8739, 0.3339, 0.2398
Android (android.graphics.Color)	4294939372 (0xFFFF92EC)
YUV	188.8510, 23.2445, 58.0127
Hunter-Lab	69.1910, 50.8843, -24.4752

Details

The YUV color **188.8510, 23.2445, 58.0127** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **212.1490, -23.2445, -58.0127**, and the grayscale version is **189.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.8890, 15.3377, 27.2843**, and **133.1280, 23.1079, 55.1387** is the 20% darker color. If you saturate the color by 10%, you get **173.7200, 28.7320, 71.2826**, and if you desaturate by 10%, it is **203.9820, 17.7569, 44.7428**.

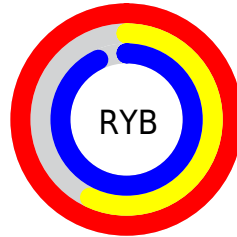
Distribution



Red (100%)

Green (57%)

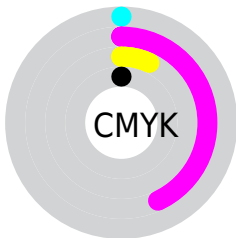
Blue (93%)



Red (100%)

Yellow (57%)

Blue (93%)

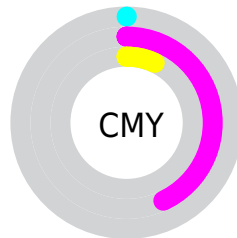


Cyan (0%)

Magenta (43%)

Yellow (7%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 188.8510, 23.2445, 58.0127 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 188.8510, 23.2445, 58.0127 by changing the saturation by 10% instead.


 188.8510, 23.2445,
58.0127


 188.8510, 23.2445,
58.0127


255.0000, 0.0000,
0.0000


 160.8400, 23.2499,
56.2683


 223.8890, 15.3377,
27.2843


 133.1280, 23.1079,
55.1387

 240.9120, 6.9454,
12.3552

 105.8290, 23.2553,
54.5240

 77.4700, 24.4183,
54.8388

 45.4150, 27.8964,
59.2720

 34.4920, 20.9564,
45.1725

 24.0960, 14.7427,

31.4878

■ 14.4120, 8.6709,
18.9327

■ 0.4560, 1.7472,
-0.3999

■ 188.8510, 23.2445,
58.0127

■ 188.8510, 23.2445,
58.0127

■ 173.7200, 28.7320,
71.2826

■ 203.9820, 17.7569,
44.7428

■ 157.8880, 34.0722,
85.1672

■ 219.8140, 12.4167,
30.8581

■ 142.1700, 39.8492,
98.9519

■ 235.5320, 6.6397,
17.0734

■ 126.9250, 44.9000,
112.3218

■ 250.7770, 1.5889,
3.7036

■ 111.2070, 50.6769, 255.0000, 0.0000,
126.1065 0.0000

■ 100.2990, 54.5756,
135.6728

Harmonies

Analogous

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



185.0940, 34.4637, 6.0566



188.8510, 23.2445, 58.0127



176.2380, 2.8407, 69.0743

Triad

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



188.8510, 23.2445, 58.0127



177.5610, -54.5066, 29.3260



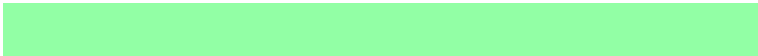
150.7440, 44.4962, -132.2025

Complementary

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



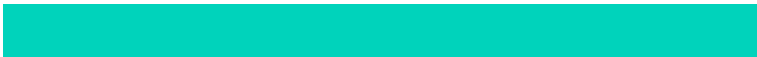
188.8510, 23.2445, 58.0127



212.1490, -23.2445, -58.0127

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.



145.1750, 20.6197, -127.3185



188.8510, 23.2445, 58.0127



172.0760, -42.4355, -15.8527

Square

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



188.8510, 23.2445, 58.0127



181.1430, -46.9055, 64.7726



159.1670, -13.8863, -72.9375



148.2310, 52.6371, -129.9986

Rectangle

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



188.8510, 23.2445, 58.0127



173.7810, -14.1890, 71.2291



159.1670, -13.8863, -72.9375



149.3930, 36.7813, -131.0177

Sweetspot

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



188.8510, 23.2445, 58.0127



234.9450, 6.9291, 17.5882



163.8080, 44.9577, 0.1684



115.2170, 4.3300, 11.2107



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.



188.8510, 23.2445, 58.0127



176.0680, 27.5745, 69.2234



182.6950, -0.3426, 63.4115



120.0270, 2.4517, 6.9923



75.1210, 40.8593, 101.6259



25.1780, 13.7162, 34.0469

Inverse Universe

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



188.8510, 23.2445, 58.0127



176.0680, 27.5745, 69.2234



218.3050, 0.3426, -63.4115



120.0270, 2.4517, 6.9923



75.1210, 40.8593, 101.6259



25.1780, 13.7162, 34.0469

Previews

White Background



This preview shows how the YUV color 188.8510, 23.2445, 58.0127 looks on a white background.

Color Contrast Check

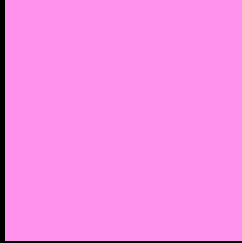
Large Text (above 18pt) WCAG AA × Fail

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 188.8510, 23.2445, 58.0127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

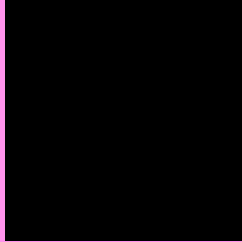
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 188.8510, 23.2445, 58.0127

Background



This preview shows how black text looks on a background with the YUV color 188.8510, 23.2445, 58.0127.



This preview shows how white text looks on a background with the YUV color 188.8510, 23.2445,

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

188.8510, 23.2445, 58.0127

Protanopia

184.3420, 34.8344, -19.5939

Deuteranopia

185.9880, 21.6979, -6.1285



Tritanopia

187.3810, -7.5828, 52.2859

Trichromacy



Original Color

188.8510, 23.2445, 58.0127



Protanomaly

186.0790, 30.5271, 8.7007



Deuteranomaly

186.9570, 22.2062, 17.5777



Tritanomaly

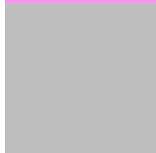
187.9650, 3.4683, 54.4047

Monochromacy



Original Color

188.8510, 23.2445, 58.0127



Achromatopsia

189.0000, 0.0000, 0.0000



Achromatomaly

188.7220, 8.5181, 21.2918

CSS Examples

Text

The CSS property to change the color of the text to YUV 188.8510, 23.2445, 58.0127 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, 146, 236)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 236)  
}
```

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, 146, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 236) }
```

Border

The CSS property to change the border of an element to YUV 188.8510, 23.2445, 58.0127 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, 146, 236) }
```


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

```
.border{ border-color:rgb(255, 146, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 236);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
236) }
```

Background

The CSS property to change the background color of an element to YUV 188.8510, 23.2445, 58.0127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 236) }
```

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

```
.background{ background-color: rgb(255,  
146, 236) }
```

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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