

Converting Colors

YIQ(188.6250, 25.2070, 55.3110)

Have a look what the booklet for
YIQ(188.6250, 25.2070, 55.3110)
contains.

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Color

**YIQ(188.6250, 25.2070,
55.3110)**

Conversions

Conversions Part 1

Format	Color
Hex	F792FF
RGB	247, 146, 255
RGB Percent	97%, 57%, 100%
CMY	0.0311, 0.4276, 0.0000
CMYK	0.03, 0.43, 0.00, 0.00
HSL	296°, 100%, 79%
HSV	296°, 43%, 100%
XYZ	66.7079, 47.5532, 100.2705
YIQ	188.6250, 25.2070, 55.3110

Conversions

Conversions Part 2

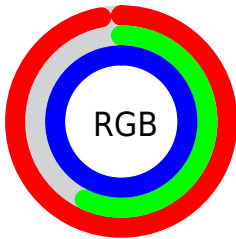
Format	Color
RYB	247, 146, 255
Decimal	16225023
CIELab	74.54, 54.07, -38.47
CIELCh	75, 66.363, 324.567
Yxy	47.5532, 0.3109, 0.2217
Android (android.graphics.Color)	4294415103 (0xFFFF792FF)
YUV	188.6250, 32.7229, 51.1949
Hunter-Lab	68.9588, 51.9954, -37.9402

Details

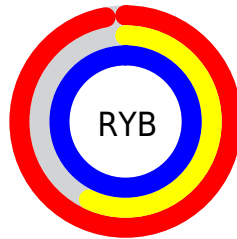
The YIQ color $188.6250, 25.2070, 55.3110$ is a light color, and the websafe version is hex $FF99FF$. A complement of this color would be $212.3750, -25.2070, -55.3110$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $223.8890, 14.5750, 27.7190$, and $133.0870, 23.7860, 53.5300$ is the 20% darker color. If you saturate the color by 10%, you get $172.7650, 31.1650, 68.4850$, and if you desaturate by 10%, it is $203.8980, 19.5240, 42.6600$.

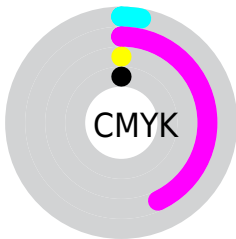
Distribution



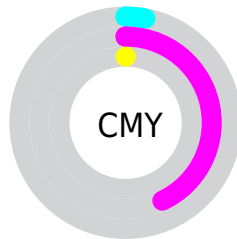
- Red (97%)
- Green (57%)
- Blue (100%)



- Red (97%)
- Yellow (57%)
- Blue (100%)



- Cyan (3%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)





- Cyan (3%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 188.6250, 25.2070, 55.3110 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 YIQ color 188.6250, 25.2070, 55.3110 by changing the saturation by 10% instead.


 188.6250, 25.2070,
55.3110


 188.6250, 25.2070,
55.3110


255.0000, -0.0000,
-0.0000


 160.7990, 24.6570,
54.2650


 223.8890, 14.5750,
27.7190


 133.0870, 23.7860,
53.5300

 240.9120, 6.6000,
12.5520

 105.6740, 23.5110,
53.0070

 77.9020, 22.8690,
53.6290

 45.0320, 25.6190,
58.8590

 34.1090, 17.5520,
45.3600

 23.8980, 10.3560,

32.5960

■ 13.5020, 2.2430,
19.9310

■ 3.2090, -7.6580,
6.6300

■ 188.6250, 25.2070,
55.3110

■ 188.6250, 25.2070,
55.3110

■ 172.7650, 31.1650,
68.4850

■ 203.8980, 19.5240,
42.6600

■ 157.4920, 36.8480,
81.1360

■ 219.7580, 13.5660,
29.4860

■ 141.9310, 43.4020,
94.5220

■ 235.0310, 7.8830,
16.8350

■ 126.6580, 49.0850,
107.1730

■ 250.5920, 1.3290,
3.4490

■ 110.7980, 55.0430, 255.0000, -0.0000,
120.3470 -0.0000

■ 99.6340, 58.8010,
129.3370

Harmonies

Analogous

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



179.3690, -30.8150, 24.3290



188.6250, 25.2070, 55.3110



173.8390, 53.5430, 48.3830

Triad

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



188.6250, 25.2070, 55.3110



176.5150, 69.0080, -28.1760



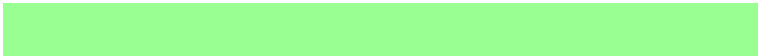
151.4790, -133.0470, -39.2470

Complementary

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



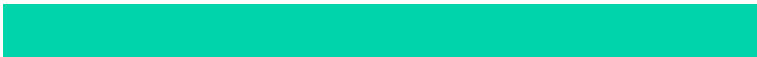
188.6250, 25.2070, 55.3110



212.3750, -25.2070, -55.3110

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.



143.8240, -112.8700, -58.0060



188.6250, 25.2070, 55.3110



171.5800, 25.6840, -46.9880

Square

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



188.6250, 25.2070, 55.3110



175.6320, 82.9410, 0.1650



159.9480, -40.0620, -55.9180



150.5790, -138.7800, -28.9560

Rectangle

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



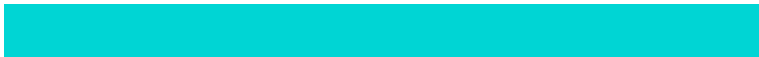
188.6250, 25.2070, 55.3110



169.1650, 66.7040, 35.6320



159.9480, -40.0620, -55.9180



149.1990, -126.6270, -45.4670

Sweetspot

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



188.6250, 25.2070, 55.3110



235.0310, 7.8830, 16.8350



163.7090, -37.4640, 29.1920



115.0750, 4.5830, 10.5590



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.



188.6250, 25.2070, 55.3110



175.9990, 30.3860, 66.0820



185.8870, 44.4200, 43.0120



120.0700, 2.9790, 6.5870



74.6970, 44.1810, 96.9250



24.9370, 14.6200, 32.4120

Inverse Universe

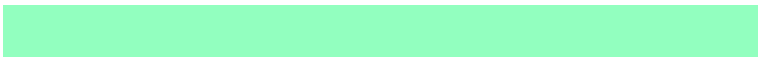
The Inverse Universe completely reimagines the original color for something new.



179.5030, 62.3960, 25.5960



164.8960, 74.5910, 30.3590



215.1130, -44.4200, -43.0120



119.0010, 7.4270, 3.0670



58.7050, 109.3420, 44.8460



19.7060, 36.5390, 15.1230

Previews

White Background



This preview shows how the YIQ color 188.6250, 25.2070, 55.3110 looks on a white background.

Color Contrast Check

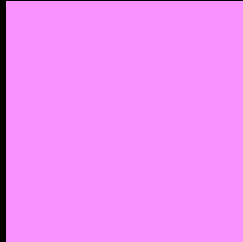
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 188.6250, 25.2070, 55.3110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

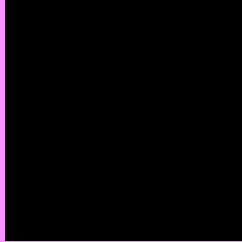
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 188.6250, 25.2070, 55.3110

Background



This preview shows how black text looks on a background with the YIQ color 188.6250, 25.2070, 55.3110.



This preview shows how white text looks on a background with the YIQ color 188.6250, 25.2070,

55.3110.

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

188.6250, 25.2070, 55.3110

Protanopia

183.1570, -36.2700, 18.5620

Deuteranopia

183.9680, -31.3640, 17.7560



Tritanopia

186.6080, 39.9310, 19.7310

Trichromacy



Original Color

188.6250, 25.2070, 55.3110



Protanomaly

185.0940, -13.6230, 32.1450



Deuteranomaly

185.5350, -10.5510, 31.5370

Tritanomaly

187.5880, 34.6560, 32.7360

Monochromacy



Original Color

188.6250, 25.2070, 55.3110



Achromatopsia

189.0000, -0.0000, -0.0000



Achromatomaly

188.6230, 9.2120, 20.2840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 188.6250, 25.2070, 55.3110 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(247, 146, 255)` looks like.

```
.text, #text, p{  
    color:rgb(247, 146, 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(247, 146, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 146, 255) }
```

Border

The CSS property to change the border of an element to YIQ 188.6250, 25.2070, 55.3110 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(247, 146, 255) }
```


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

```
.border{ border-color:rgb(247, 146, 255) }
```

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

Here you see how a box with a 4 pixel rgb(247, 146, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 146, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 146, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 146,  
255) }
```

Background

The CSS property to change the background color of an element to YIQ 188.6250, 25.2070, 55.3110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 146, 255) }
```

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

```
.background{ background-color: rgb(247,  
146, 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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