

Converting Colors

YIQ(177.8090, 27.8650, 62.2090)

Have a look what the booklet for
YIQ(177.8090, 27.8650, 62.2090)
contains.

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Color

**YIQ(177.8090, 27.8650,
62.2090)**

Conversions

Conversions Part 1

Format	Color
Hex	F382FD
RGB	243, 130, 253
RGB Percent	95%, 51%, 99%
CMY	0.0467, 0.4904, 0.0078
CMYK	0.04, 0.49, 0.00, 0.01
HSL	295°, 97%, 75%
HSV	295°, 49%, 99%
XYZ	62.6992, 42.1152, 97.7562
YIQ	177.8090, 27.8650, 62.2090

Conversions

Conversions Part 2

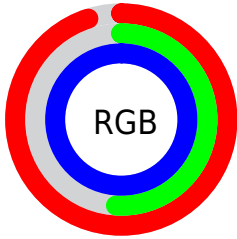
Format	Color
R _Y B	243, 130, 253
Decimal	15958781
CIE Lab	70.95, 60.47, -43.03
CIE LCh	71, 74.216, 324.567
Yxy	42.1152, 0.3095, 0.2079
Android (android.graphics.Color)	4294148861 (0xFFFF382FD)
YUV	177.8090, 37.0692, 57.1725
Hunter-Lab	64.8962, 58.8886, -43.8840

Details

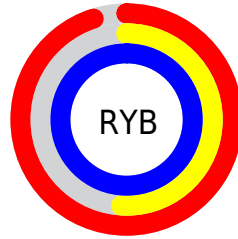
The YIQ color **177.8090, 27.8650, 62.2090** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **205.1910, -27.8650, -62.2090**, and the grayscale version is **177.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **214.4970, 18.9750, 36.0870**, and **121.3850, 26.1230, 60.7390** is the 20% darker color. If you saturate the color by 10%, you get **162.5360, 33.5480, 74.8600**, and if you desaturate by 10%, it is **193.0820, 22.1820, 49.5580**.

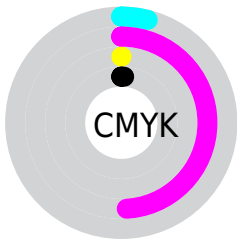
Distribution



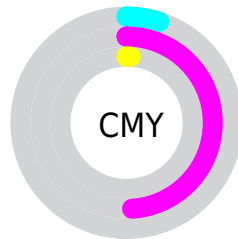
- Red (95%)
- Green (51%)
- Blue (99%)



- Red (95%)
- Yellow (51%)
- Blue (99%)



- Cyan (4%)
- Magenta (49%)
- Yellow (0%)
- Black (1%)



- Cyan (5%)
- Magenta (49%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 177.8090, 27.8650, 62.2090 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 177.8090, 27.8650, 62.2090 by changing the saturation by 10% instead.

177.8090, 27.8650,
62.2090

177.8090, 27.8650,
62.2090

255.0000, -0.0000,
-0.0000

149.3960, 27.5900,
61.6860

214.4970, 18.9750,
36.0870

121.6840, 26.7190,
60.9510

231.5200, 11.0000,
20.9200

92.7980, 26.3980,
61.2620

248.5430, 3.0250,
5.7530

56.6940, 29.9270,
68.8950

43.3090, 23.2810,
57.1770

32.3860, 15.2140,
43.6780

22.4740, 8.6140,

31.1260

■ 9.9850, -3.6710,
16.9770

■ 2.9810, -7.0160,
6.0080

■ 177.8090, 27.8650,
62.2090

■ 177.8090, 27.8650,
62.2090

■ 162.5360, 33.5480,
74.8600

■ 193.0820, 22.1820,
49.5580

■ 146.6760, 39.5060,
88.0340

■ 208.9420, 16.2240,
36.3840

■ 131.4030, 45.1890,
100.6850

■ 224.2150, 10.5410,
23.7330

■ 116.1300, 50.8720,
113.3360

■ 239.4880, 4.8580,
11.0820

■ 100.2700, 56.8300, 254.1740, -0.5500,
126.5100 -1.0460

■ 98.5090, 57.6550, 254.7720, 0.6420,
128.0790 -0.6220

Harmonies

Analogous

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



168.1280, -37.3260, 26.6900



177.8090, 27.8650, 62.2090



160.6000, 61.8860, 56.8780

Triad

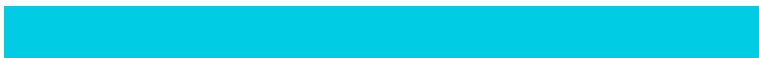
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



177.8090, 27.8650, 62.2090



162.6670, 82.7190, -39.8810



146.3270, -129.5630, -36.3070

Complementary

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



177.8090, 27.8650, 62.2090



205.1910, -27.8650, -62.2090

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.



137.8740, -107.1390, -57.2430



177.8090, 27.8650, 62.2090



158.1210, 31.0500, -56.1340

Square

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



177.8090, 27.8650, 62.2090



164.9060, 93.8530, 0.6450



142.6210, -52.6230, -65.0630



145.8830, -136.5800, -24.7720

Rectangle

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



177.8090, 27.8650, 62.2090



155.4700, 76.3310, 42.8830



142.6210, -52.6230, -65.0630



143.8190, -122.5010, -43.1490

Sweetspot

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



177.8090, 27.8650, 62.2090



231.7970, 8.6620, 19.2380



149.8920, -42.2330, 33.0230



113.9010, 5.1330, 11.6050



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.



177.8090, 27.8650, 62.2090



164.5360, 33.5480, 74.8600



174.9850, 50.1960, 48.4680



119.7710, 2.3830, 6.3750



74.3980, 43.5850, 96.7130



24.9370, 14.6200, 32.4120

Inverse Universe

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



167.9170, 70.0980, 29.1860



152.6200, 84.3560, 35.1080



208.0150, -50.1960, -48.4680



119.0010, 7.4270, 3.0670



58.8190, 109.0210, 45.1570



19.7060, 36.5390, 15.1230

Previews

White Background



This preview shows how the YIQ color 177.8090, 27.8650, 62.2090 looks on a white background.

Color Contrast Check

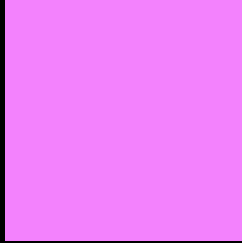
Large Text (above 18pt) WCAG AA × Fail

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 177.8090, 27.8650, 62.2090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

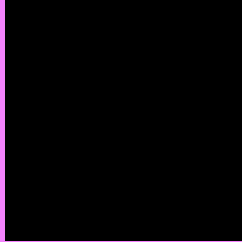
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 177.8090, 27.8650, 62.2090

Background



This preview shows how black text looks on a background with the YIQ color 177.8090, 27.8650, 62.2090.



This preview shows how white text looks on a background with the YIQ color 177.8090, 27.8650,

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

177.8090, 27.8650, 62.2090

Protanopia

172.8020, -42.4600, 20.6120

Deuteranopia

173.1460, -37.7370, 17.6150



Tritanopia

176.2880, 43.8280, 20.6920

Trichromacy



Original Color

177.8090, 27.8650, 62.2090



Protanomaly

174.6470, -16.5580, 35.7780



Deuteranomaly

175.1480, -13.7150, 33.8130

Tritanomaly

176.5500, 37.8190, 35.9870

Monochromacy



Original Color

177.8090, 27.8650, 62.2090



Achromatopsia

178.0000, -0.0000, -0.0000



Achromatomaly

178.2750, 10.3120, 22.3760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 177.8090, 27.8650, 62.2090 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(243, 130, 253)` looks like.

```
.text, #text, p{  
    color:rgb(243, 130, 253)  
}
```

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(243, 130, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 130, 253) }
```

Border

The CSS property to change the border of an element to YIQ 177.8090, 27.8650, 62.2090 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(243, 130, 253) }
```


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

```
.border{ border-color:rgb(243, 130, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 130, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 130, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 130, 253);  
box-shadow:4px 4px 4px 4px rgb(243, 130,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 177.8090, 27.8650, 62.2090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 130, 253) }
```

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

```
.background{ background-color: rgb(243,  
130, 253) }
```

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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