

Converting Colors

YIQ(191.1560, 27.3650, 38.2210)

Have a look what the booklet for
YIQ(191.1560, 27.3650, 38.2210)
contains.

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Color

**YIQ(191.1560, 27.3650,
38.2210)**

Conversions

Conversions Part 1

Format	Color
Hex	F19FE2
RGB	241, 159, 226
RGB Percent	95%, 62%, 89%
CMY	0.0547, 0.3766, 0.1137
CMYK	0.00, 0.34, 0.06, 0.05
HSL	311°, 75%, 78%
HSV	311°, 34%, 95%
XYZ	62.4179, 48.9877, 78.1277
YIQ	191.1560, 27.3650, 38.2210

Conversions

Conversions Part 2

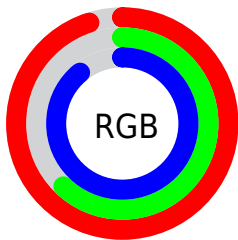
Format	Color
R _Y B	241, 159, 226
Decimal	15835106
CIE Lab	75.44, 40.45, -21.39
CIE LCh	75, 45.758, 332.130
Yxy	48.9877, 0.3293, 0.2585
Android (android.graphics.Color)	4294025186 (0xFFFF19FE2)
YUV	191.1560, 17.1781, 43.7132
Hunter-Lab	69.9912, 36.7012, -17.1887

Details

The YIQ color **191.1560, 27.3650, 38.2210** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **208.8440, -27.3650, -38.2210**, and the grayscale version is **191.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **231.5200, 11.0000, 20.9200**, and **136.7320, 25.6230, 36.7510** is the 20% darker color. If you saturate the color by 10%, you get **176.6120, 35.2490, 49.5290**, and if you desaturate by 10%, it is **205.7000, 19.4810, 26.9130**.

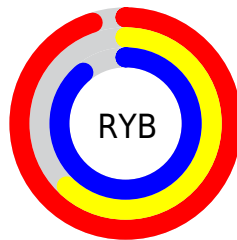
Distribution



Red (95%)

Green (62%)

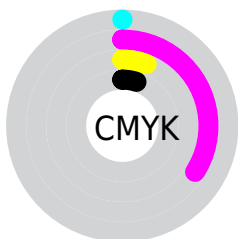
Blue (89%)



Red (95%)

Yellow (62%)

Blue (89%)

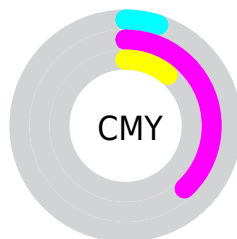


Cyan (0%)

Magenta (34%)

Yellow (6%)

Black (5%)



Cyan (5%)


Magenta (38%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 191.1560, 27.3650, 38.2210 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 191.1560, 27.3650, 38.2210 by changing the saturation by 10% instead.


 191.1560, 27.3650,
38.2210

 191.1560, 27.3650,
38.2210


255.0000, -0.0000,
-0.0000


 163.4440, 26.4940,
37.4860


 231.5200, 11.0000,
20.9200


 136.7320, 25.6230,
36.7510

 248.5430, 3.0250,
5.7530

 110.0200, 24.7520,
36.0160

 84.3080, 23.8810,
35.2810

 58.4220, 23.5600,
35.5920

 31.0030, 23.4220,
38.0940

 21.2050, 16.5010,

25.8530

■ 11.3360, 8.3420,
14.0220

■ 0.0000, 0.0000,
0.0000

■ 191.1560, 27.3650,
38.2210

■ 191.1560, 27.3650,
38.2210

■ 176.6120, 35.2490,
49.5290

■ 205.7000, 19.4810,
26.9130

■ 161.9540, 43.4540,
60.5260

■ 220.3580, 11.2760,
15.9160

■ 147.4100, 51.3380,
71.8340

■ 234.9020, 3.3920,
4.6080

■ 132.7520, 59.5430,
82.8310

■ 249.5600, -4.8130,
-6.3890

■ 117.6210, 67.7020,
94.6620

■ 250.0160, -6.0970,
-5.1450

■ 103.0770, 75.5860,
105.9700

■ 250.5860, -7.7020,
-3.5900

■ 94.5170, 80.3990,
112.3590

■ 250.8140, -8.3440,
-2.9680

Harmonies

Analogous

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



189.2140, -14.0810, 29.4310



191.1560, 27.3650, 38.2210



186.4450, 51.1160, 31.7880

Triad

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



191.1560, 27.3650, 38.2210



182.1980, 42.4600, -20.6120



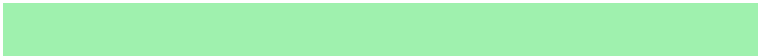
147.6150, -130.4340, -37.0420

Complementary

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



191.1560, 27.3650, 38.2210



208.8440, -27.3650, -38.2210

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.



153.0960, -98.4760, -43.5320



191.1560, 27.3650, 38.2210



178.0410, 8.8090, -33.0070

Square

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



191.1560, 27.3650, 38.2210



185.5140, 62.7220, -2.3500



170.6520, -35.5720, -38.1640



147.0570, -137.1300, -25.8180

Rectangle

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



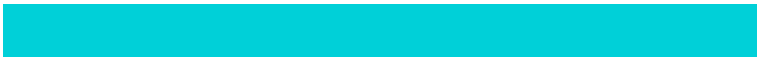
191.1560, 27.3650, 38.2210



184.4270, 59.5540, 22.0340



170.6520, -35.5720, -38.1640



146.7200, -126.5360, -41.6080

Sweetspot

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



191.1560, 27.3650, 38.2210



239.7550, 8.4800, 11.5200



172.5340, -17.9780, 28.4700



118.2660, 5.3630, 7.4350



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.



191.1560, 27.3650, 38.2210



191.1990, 34.9740, 49.0060



186.5960, 40.2050, 25.7810



112.7280, 3.9420, 5.6540



72.1160, 61.5140, 85.6580



21.9880, 18.6100, 26.1780

Inverse Universe

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



191.1560, 27.3650, 38.2210



191.1990, 34.9740, 49.0060



213.4040, -40.2050, -25.7810



112.7280, 3.9420, 5.6540



72.1160, 61.5140, 85.6580



21.9880, 18.6100, 26.1780

Previews

White Background



This preview shows how the YIQ color 191.1560, 27.3650, 38.2210 looks on a white background.

Color Contrast Check

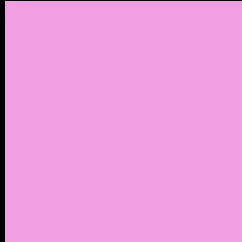
Large Text (above 18pt) WCAG AA × Fail

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 191.1560, 27.3650, 38.2210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

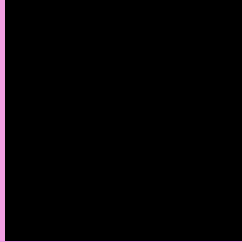
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 191.1560, 27.3650, 38.2210

Background



This preview shows how black text looks on a background with the YIQ color 191.1560, 27.3650, 38.2210.



This preview shows how white text looks on a background with the YIQ color 191.1560, 27.3650,

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

191.1560, 27.3650, 38.2210

Protanopia

186.6540, -27.6040, 15.6920

Deuteranopia

188.0550, -9.8600, 13.5000



Tritanopia

189.5150, 35.7590, 18.2470

Trichromacy



Original Color

191.1560, 27.3650, 38.2210



Protanomaly

188.3470, -7.3860, 23.7340



Deuteranomaly

189.4530, 3.9390, 22.2350



Tritanomaly

190.1760, 32.6400, 25.2160

Monochromacy



Original Color

191.1560, 27.3650, 38.2210



Achromatopsia

191.0000, -0.0000, -0.0000



Achromatomaly

190.8200, 9.8550, 14.1350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 191.1560, 27.3650, 38.2210 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(241, 159, 226)` looks like.

```
.text, #text, p{  
    color:rgb(241, 159, 226)  
}
```

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(241, 159, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 159, 226) }
```

Border

The CSS property to change the border of an element to YIQ 191.1560, 27.3650, 38.2210 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(241, 159, 226) }
```


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

```
.border{ border-color:rgb(241, 159, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 159, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 159, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 159, 226);  
box-shadow:4px 4px 4px 4px rgb(241, 159,  
226) }
```

Background

The CSS property to change the background color of an element to YIQ 191.1560, 27.3650, 38.2210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 159, 226) }
```

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

```
.background{ background-color: rgb(241,  
159, 226) }
```

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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