

Converting Colors

YIQ(142.0220, 59.0830, 91.1710)

Have a look what the booklet for
YIQ(142.0220, 59.0830, 91.1710)
contains.

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Color

**YIQ(142.0220, 59.0830,
91.1710)**

Conversions

Conversions Part 1

Format	Color
Hex	FF43E8
RGB	255, 67, 232
RGB Percent	100%, 26%, 91%
CMY	0.0000, 0.7375, 0.0901
CMYK	0.00, 0.74, 0.09, 0.00
HSL	307°, 100%, 63%
HSV	307°, 74%, 100%
XYZ	57.8118, 31.0927, 79.3187
YIQ	142.0220, 59.0830, 91.1710

Conversions

Conversions Part 2

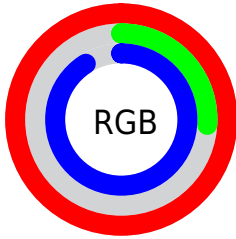
Format	Color
R _Y B	255, 67, 232
Decimal	16729064
CIE Lab	62.59, 84.91, -44.46
CIE LCh	63, 95.845, 332.360
Yxy	31.0927, 0.3437, 0.1848
Android (android.graphics.Color)	4294919144 (0xFFFF43E8)
YUV	142.0220, 44.3592, 99.0817
Hunter-Lab	55.7608, 87.4841, -45.3062

Details

The YIQ color **142.0220, 59.0830, 91.1710** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light washed magenta. A complement of this color would be **179.9780, -59.0830, -91.1710**, and the grayscale version is **142.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **182.7990, 33.8250, 64.3290**, and **78.0700, 59.1280, 95.8640** is the 20% darker color. If you saturate the color by 10%, you get **126.4180, 67.1960, 103.8360**, and if you desaturate by 10%, it is **157.0390, 51.2450, 79.0290**.

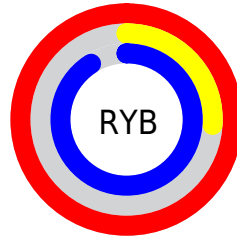
Distribution



Red (100%)

Green (26%)

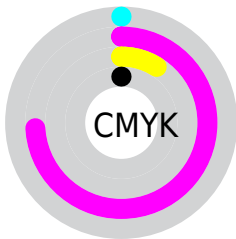
Blue (91%)



Red (100%)

Yellow (26%)

Blue (91%)

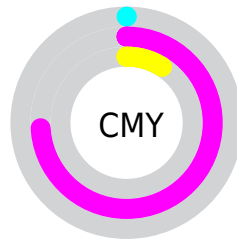


Cyan (0%)

Magenta (74%)

Yellow (9%)

Black (0%)



Cyan (0%)

Magenta (74%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 142.0220, 59.0830, 91.1710 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 142.0220, 59.0830, 91.1710 by changing the saturation by 10% instead.

142.0220, 59.0830,
91.1710

142.0220, 59.0830,
91.1710

255.0000, -0.0000,
-0.0000

100.7980, 63.0700,
101.5180

182.7990, 33.8250,
64.3290

78.0700, 59.1280,
95.8640

200.4090, 25.5750,
48.6390

66.0220, 49.9150,
81.1070

218.6060, 17.0500,
32.4260

54.2730, 41.2980,
66.5620

236.2160, 8.8000,
16.7360

42.7520, 32.0390,
52.6390

254.4130, 0.2750,
0.5230

31.6440, 23.0550,
39.2390

20.2370, 13.4750,

25.6270

■ 5.7690, -3.3030,
10.3050

■ 0.0000, 0.0000,
0.0000

■ 142.0220, 59.0830,
91.1710

■ 142.0220, 59.0830,
91.1710

■ 126.4180, 67.1960,
103.8360

■ 157.0390, 51.2450,
79.0290

■ 111.4010, 75.0340,
115.9780

■ 172.6430, 43.1320,
66.3640

■ 101.7810, 80.0760,
123.7240

■ 187.6600, 35.2940,
54.2220

■ 203.2640, 27.1810,
41.5570

■ 218.3950, 19.0220,
29.7260

■ 233.9990, 10.9090,
17.0610

■ 249.0160, 3.0710,
4.9190

■ 255.0000, -0.0000,
-0.0000

Harmonies

Analogous

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



146.6970, -28.0220, 45.3060



142.0220, 59.0830, 91.1710



93.2310, 104.1510, 100.3990

Triad

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



142.0220, 59.0830, 91.1710



140.9730, 64.2420, -40.9260



136.6560, -128.5110, -22.3270

Complementary

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



142.0220, 59.0830, 91.1710



179.9780, -59.0830, -91.1710

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.



126.9660, -101.2260, -48.7620



142.0220, 59.0830, 91.1710



126.3900, 4.8270, -70.9890

Square

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



142.0220, 59.0830, 91.1710



139.5750, 113.4780, -8.1060



114.1300, -70.5940, -75.2820



134.7300, -131.3550, -14.8350

Rectangle

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



142.0220, 59.0830, 91.1710



105.0440, 113.6020, 66.7700



114.1300, -70.5940, -75.2820



134.1650, -120.1190, -31.2470

Sweetspot

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



142.0220, 59.0830, 91.1710



221.3300, 17.6470, 27.1110



95.0100, -47.2360, 63.1320



107.4720, 10.9550, 16.2270



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.



142.0220, 59.0830, 91.1710



118.5590, 71.4130, 110.0130



131.4200, 88.9360, 62.2480



120.1410, 4.2170, 6.1770



76.2610, 59.9080, 92.7400



25.5200, 20.1680, 30.9840

Inverse Universe

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



142.0220, 59.0830, 91.1710



118.5590, 71.4130, 110.0130



190.5800, -88.9360, -62.2480



120.1410, 4.2170, 6.1770



76.2610, 59.9080, 92.7400



25.5200, 20.1680, 30.9840

Previews

White Background



This preview shows how the YIQ color 142.0220, 59.0830, 91.1710 looks on a white background.

Color Contrast Check

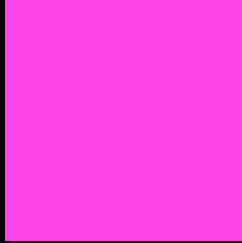
Large Text (above 18pt) WCAG AA × Fail

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 142.0220, 59.0830, 91.1710 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

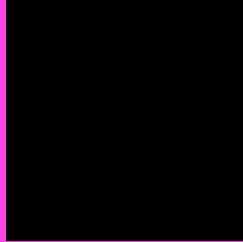
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 142.0220, 59.0830, 91.1710

Background



This preview shows how black text looks on a background with the YIQ color 142.0220, 59.0830, 91.1710.



This preview shows how white text looks on a background with the YIQ color 142.0220, 59.0830,

91.1710.

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

142.0220, 59.0830, 91.1710

Protanopia

147.3410, -59.9750, 24.1610

Deuteranopia

150.2060, -37.9660, 16.2580



Tritanopia

148.4620, 78.8090, 31.0090

Trichromacy



Original Color

142.0220, 59.0830, 91.1710



Protanomaly

145.8510, -16.6520, 48.5000



Deuteranomaly

147.4040, -2.3920, 43.3680



Tritanomaly

145.7550, 71.5150, 53.0750

Monochromacy



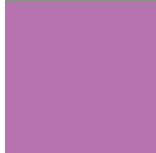
Original Color

142.0220, 59.0830, 91.1710



Achromatopsia

142.0000, -0.0000, -0.0000



Achromatomaly

142.1720, 21.2680, 33.0760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 142.0220, 59.0830, 91.1710 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, 67, 232)` looks like.

```
.text, #text, p{  
    color:rgb(255, 67, 232)  
}
```

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, 67, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 67, 232) }
```

Border

The CSS property to change the border of an element to YIQ 142.0220, 59.0830, 91.1710 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, 67, 232) }
```


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

```
.border{ border-color:rgb(255, 67, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 67, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 67, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 67, 232);  
box-shadow:4px 4px 4px 4px rgb(255, 67,  
232) }
```

Background

The CSS property to change the background color of an element to YIQ 142.0220, 59.0830, 91.1710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 67, 232) }
```

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

```
.background{ background-color: rgb(255, 67,  
232) }
```

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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