

Converting Colors

YIQ(132.2790, 59.4970, 83.6650)

Have a look what the booklet for
YIQ(132.2790, 59.4970, 83.6650)
contains.

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Color

**YIQ(132.2790, 59.4970,
83.6650)**

Conversions

Conversions Part 1

Format	Color
Hex	F13ED1
RGB	241, 62, 209
RGB Percent	95%, 24%, 82%
CMY	0.0544, 0.7571, 0.1803
CMYK	0.00, 0.74, 0.13, 0.05
HSL	311°, 87%, 59%
HSV	311°, 74%, 95%
XYZ	49.5517, 26.7661, 62.8966
YIQ	132.2790, 59.4970, 83.6650

Conversions

Conversions Part 2

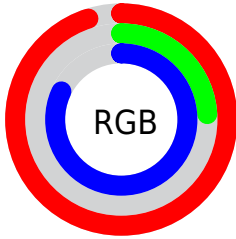
Format	Color
R _Y B	241, 62, 209
Decimal	15810257
CIE Lab	58.76, 80.19, -37.67
CIE LCh	59, 88.597, 334.835
Yxy	26.7661, 0.3559, 0.1923
Android (android.graphics.Color)	4294000337 (0xFFFF13ED1)
YUV	132.2790, 37.8235, 95.3483
Hunter-Lab	51.7360, 80.4259, -35.8650

Details

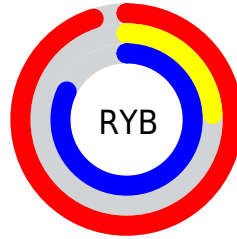
The YIQ color **132.2790, 59.4970, 83.6650** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **170.7210, -59.4970, -83.6650**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **179.2770, 35.4750, 67.4670**, and **71.6750, 58.4420, 86.2660** is the 20% darker color. If you saturate the color by 10%, you get **117.7350, 67.3810, 94.9730**, and if you desaturate by 10%, it is **146.8230, 51.6130, 72.3570**.

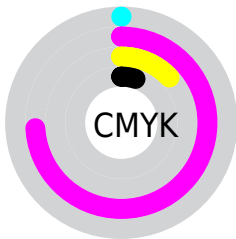
Distribution



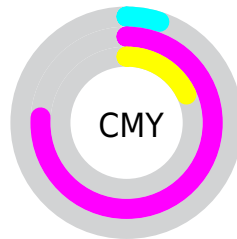
- Red (95%)
- Green (24%)
- Blue (82%)



- Red (95%)
- Yellow (24%)
- Blue (82%)



- Cyan (0%)
- Magenta (74%)
- Yellow (13%)
- Black (5%)



- Cyan (5%)
- Magenta (76%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.2790, 59.4970, 83.6650 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 132.2790, 59.4970, 83.6650 by changing the saturation by 10% instead.

132.2790, 59.4970,
83.6650

132.2790, 59.4970,
83.6650

255.0000, -0.0000,
-0.0000

90.1800, 64.6300,
95.2700

179.2770, 35.4750,
67.4670

71.6750, 58.4420,
86.2660

196.8870, 27.2250,
51.7770

59.7410, 48.9080,
71.8200

214.4970, 18.9750,
36.0870

48.1060, 39.9700,
57.5860

232.1070, 10.7250,
20.3970

36.9980, 30.9860,
44.1860

249.7170, 2.4750,
4.7070

26.1890, 22.5980,
30.9980

14.7110, 11.7800,

17.7960

■ 0.3420, -0.9630,
0.9330

■ 0.0000, 0.0000,
0.0000

■ 132.2790, 59.4970,
83.6650

■ 132.2790, 59.4970,
83.6650

■ 117.7350, 67.3810,
94.9730

■ 146.8230, 51.6130,
72.3570

■ 103.0770, 75.5860,
105.9700

■ 161.4810, 43.4080,
61.3600

■ 94.6310, 80.0780,
112.6700

■ 176.0250, 35.5240,
50.0520

■ 190.5690, 27.6400,
38.7440

205.8140, 19.1600,
27.2240

220.3580, 11.2760,
15.9160

234.9020, 3.3920,
4.6080

249.5600, -4.8130,
-6.3890

250.0160, -6.0970,
-5.1450

Harmonies

Analogous

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



140.5500, -22.9340, 52.2180



132.2790, 59.4970, 83.6650



95.9890, 107.4080, 90.9280

Triad

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



132.2790, 59.4970, 83.6650



131.7810, 56.0350, -40.8690



127.6570, -121.0840, -19.2600

Complementary

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



132.2790, 59.4970, 83.6650



170.7210, -59.4970, -83.6650

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.



119.4660, -96.6420, -43.7300



132.2790, 59.4970, 83.6650



116.9320, 0.4250, -68.3030

Square

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



132.2790, 59.4970, 83.6650



131.5350, 101.7870, -10.9890



107.7700, -69.2200, -67.1400



127.0990, -127.7800, -8.0360

Rectangle

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



132.2790, 59.4970, 83.6650



111.4210, 113.5580, 56.5500



107.7700, -69.2200, -67.1400



125.5080, -113.6550, -27.2470

Sweetspot

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



132.2790, 59.4970, 83.6650



220.9880, 18.6100, 26.1780



91.3760, -39.5790, 62.0290



107.3580, 11.2760, 15.9160



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.



132.2790, 59.4970, 83.6650



117.0770, 75.5860, 105.9700



122.3610, 87.4240, 56.6080



112.7280, 3.9420, 5.6540



72.2300, 61.1930, 85.9690



21.9880, 18.6100, 26.1780

Inverse Universe

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



132.2790, 59.4970, 83.6650



117.0770, 75.5860, 105.9700



180.6390, -87.4240, -56.6080



112.7280, 3.9420, 5.6540



72.2300, 61.1930, 85.9690



21.9880, 18.6100, 26.1780

Previews

White Background



This preview shows how the YIQ color 132.2790, 59.4970, 83.6650 looks on a white background.

Color Contrast Check

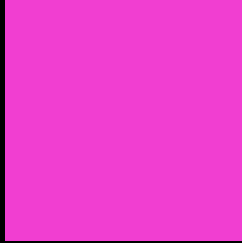
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.2790, 59.4970, 83.6650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

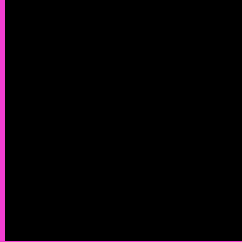
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 132.2790, 59.4970, 83.6650

Background



This preview shows how black text looks on a background with the YIQ color 132.2790, 59.4970, 83.6650.



This preview shows how white text looks on a background with the YIQ color 132.2790, 59.4970,

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

132.2790, 59.4970, 83.6650

Protanopia

135.1920, -69.7410, 24.9390

Deuteranopia

141.2300, -29.3460, 14.2220



Tritanopia

137.8640, 77.6170, 30.5850

Trichromacy



Original Color

132.2790, 59.4970, 83.6650



Protanomaly

133.8610, -22.6120, 46.3800



Deuteranomaly

138.1070, 2.6980, 39.2260



Tritanomaly

135.7610, 71.3780, 50.0500

Monochromacy



Original Color

132.2790, 59.4970, 83.6650



Achromatopsia

132.0000, -0.0000, -0.0000



Achromatomaly

132.4770, 21.7270, 30.2630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.2790, 59.4970, 83.6650 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, 62, 209)` looks like.

```
.text, #text, p{  
    color:rgb(241, 62, 209)  
}
```

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, 62, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 62, 209) }
```

Border

The CSS property to change the border of an element to YIQ 132.2790, 59.4970, 83.6650 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, 62, 209) }
```


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

```
.border{ border-color:rgb(241, 62, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 62, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 62, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 62, 209);  
box-shadow:4px 4px 4px 4px rgb(241, 62,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 132.2790, 59.4970, 83.6650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 62, 209) }
```

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

```
.background{ background-color: rgb(241, 62,  
209) }
```

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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