

Converting Colors

YIQ(132.5790, 59.4930,
105.7730)

Have a look what the booklet for
YIQ(132.5790, 59.4930, 105.7730)
contains.

YIQ(132.5790, 59.4930, 105.7730)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(132.5790, 59.4930,
105.7730)**

Conversions

Conversions Part 1

Format	Color
Hex	FF30F7
RGB	255, 48, 247
RGB Percent	100%, 19%, 97%
CMY	0.0000, 0.8121, 0.0313
CMYK	0.00, 0.81, 0.03, 0.00
HSL	302°, 100%, 59%
HSV	302°, 81%, 100%
XYZ	59.0851, 30.0835, 90.7052
YIQ	132.5790, 59.4930, 105.7730

Conversions

Conversions Part 2

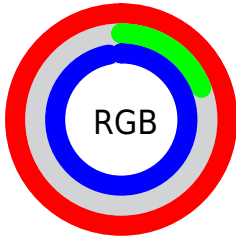
Format	Color
R _Y B	255, 48, 247
Decimal	16724215
CIE Lab	61.73, 91.70, -54.18
CIE LCh	62, 106.508, 329.426
Yxy	30.0835, 0.3285, 0.1672
Android (android.graphics.Color)	4294914295 (0xFFFF30F7)
YUV	132.5790, 56.4096, 107.3632
Hunter-Lab	54.8485, 96.3032, -59.6564

Details

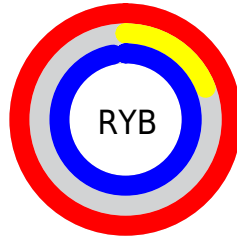
The YIQ color **132.5790, 59.4930, 105.7730** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **170.4210, -59.4930, -105.7730**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.3420, 36.8500, 70.0820**, and **79.6660, 54.6340, 100.2180** is the 20% darker color. If you saturate the color by 10%, you get **117.2030, 66.9640, 119.0600**, and if you desaturate by 10%, it is **147.3680, 52.2970, 93.0090**.

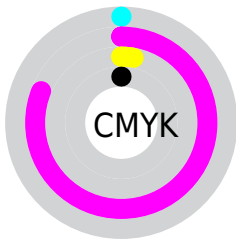
Distribution



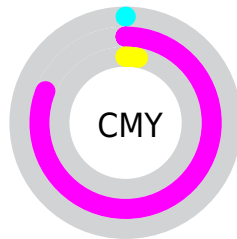
- Red (100%)
- Green (19%)
- Blue (97%)



- Red (100%)
- Yellow (19%)
- Blue (97%)



- Cyan (0%)
- Magenta (81%)
- Yellow (3%)
- Black (0%)





- Cyan (0%)
- Magenta (81%)
- Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 132.5790, 59.4930, 105.7730 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 132.5790, 59.4930, 105.7730 by changing the saturation by 10% instead.


 132.5790, 59.4930,
105.7730


 132.5790, 59.4930,
105.7730


255.0000, -0.0000,
-0.0000


 91.8280, 63.5260,
115.2860


 176.3420, 36.8500,
70.0820


 79.6660, 54.6340,
100.2180


 194.5390, 28.3250,
53.8690

 67.5040, 45.7420,
85.1500

 212.7360, 19.8000,
37.6560

 55.4560, 36.5290,
70.3930

 230.9330, 11.2750,
21.4430

 43.5220, 26.9950,
55.9470

 248.5430, 3.0250,
5.7530

 32.3000, 18.3320,
42.2360

 20.5940, 8.1560,

28.4120

■ 5.7130, -8.8970,
12.5670

■ 2.0690, -4.4480,
3.5200

■ 132.5790, 59.4930,
105.7730

■ 132.5790, 59.4930,
105.7730

■ 117.2030, 66.9640,
119.0600

■ 147.3680, 52.2970,
93.0090

■ 104.1750, 73.3350,
130.2550

■ 162.7440, 44.8260,
79.7220

■ 177.5330, 37.6300,
66.9580

■ 192.9090, 30.1590,
53.6710

207.6980, 22.9630,
40.9070

223.0740, 15.4920,
27.6200

237.8630, 8.2960,
14.8560

253.2390, 0.8250,
1.5690

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.



136.8410, -46.2230, 39.2570



132.5790, 59.4930, 105.7730



93.9150, 102.2250, 102.2650

Triad

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



132.5790, 59.4930, 105.7730



139.8320, 69.1930, -37.0390



137.1290, -128.4650, -23.1610

Complementary

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



132.5790, 59.4930, 105.7730



170.4210, -59.4930, -105.7730

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.



125.7120, -97.6950, -52.1830



132.5790, 59.4930, 105.7730



124.3190, 3.5890, -70.5790

Square

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



132.5790, 59.4930, 105.7730



134.9340, 123.0130, 0.8130



110.3510, -61.3310, -83.4670



135.9040, -131.9050, -15.8810

Rectangle

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



132.5790, 59.4930, 105.7730



86.9610, 121.8060, 83.2940



110.3510, -61.3310, -83.4670



133.7090, -118.8350, -32.4910

Sweetspot

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



132.5790, 59.4930, 105.7730



218.9650, 17.4170, 31.2810



73.6910, -62.2750, 65.8610



106.0530, 10.8170, 18.7290



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.



132.5790, 59.4930, 105.7730



108.8710, 71.1350, 126.0710



120.9510, 92.2350, 74.0510



120.2550, 3.8960, 6.4880



78.0850, 54.7720, 97.7160



26.0900, 18.5630, 32.5390

Inverse Universe

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



132.5790, 59.4930, 105.7730



108.8710, 71.1350, 126.0710



182.0490, -92.2350, -74.0510



120.2550, 3.8960, 6.4880



78.0850, 54.7720, 97.7160



26.0900, 18.5630, 32.5390

Previews

White Background



This preview shows how the YIQ color 132.5790, 59.4930, 105.7730 looks on a white background.

Color Contrast Check

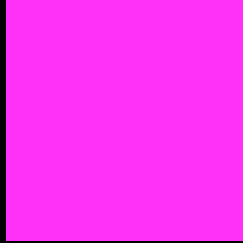
Large Text (above 18pt) WCAG AA × Fail

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 132.5790, 59.4930, 105.7730 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 132.5790, 59.4930, 105.7730

Background



This preview shows how black text looks on a background with the YIQ color 132.5790, 59.4930, 105.7730.



This preview shows how white text looks on a background with the YIQ color 132.5790, 59.4930,

105.7730.

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

132.5790, 59.4930, 105.7730

Protanopia

144.3730, -63.0010, 23.9350

Deuteranopia

145.1210, -53.7840, 16.5840



Tritanopia

146.4620, 78.8090, 31.0090

Trichromacy



Original Color

132.5790, 59.4930, 105.7730



Protanomaly

139.9420, -18.1660, 53.9140



Deuteranomaly

140.4170, -12.4340, 49.1500



Tritanomaly

141.2160, 71.8350, 58.2910

Monochromacy



Original Color

132.5790, 59.4930, 105.7730



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

132.6330, 21.5880, 38.2920

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.5790, 59.4930, 105.7730 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, 48, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 48, 247)  
}
```

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, 48, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 48, 247) }
```

Border

The CSS property to change the border of an element to YIQ 132.5790, 59.4930, 105.7730 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, 48, 247) }
```


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

```
.border{ border-color:rgb(255, 48, 247) }
```

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

Here you see how a box with a 4 pixel rgb(255, 48, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 48, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 48, 247);  
box-shadow:4px 4px 4px 4px rgb(255, 48,  
247) }
```

Background

The CSS property to change the background color of an element to YIQ 132.5790, 59.4930, 105.7730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 48, 247) }
```

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

```
.background{ background-color: rgb(255, 48,  
247) }
```

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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