

Converting Colors

YIQ(132.7740, 62.4770, 84.7250)

Have a look what the booklet for
YIQ(132.7740, 62.4770, 84.7250)
contains.

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Color

**YIQ(132.7740, 62.4770,
84.7250)**

Conversions

Conversions Part 1

Format	Color
Hex	F53DD0
RGB	245, 61, 208
RGB Percent	96%, 24%, 82%
CMY	0.0387, 0.7610, 0.1842
CMYK	0.00, 0.75, 0.15, 0.04
HSL	312°, 90%, 60%
HSV	312°, 75%, 96%
XYZ	50.7573, 27.3218, 62.2950
YIQ	132.7740, 62.4770, 84.7250

Conversions

Conversions Part 2

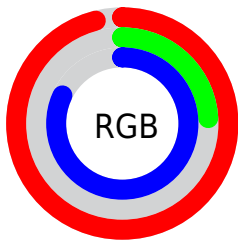
Format	Color
R _Y B	245, 61, 208
Decimal	16072144
CIE Lab	59.27, 81.21, -36.26
CIE LCh	59, 88.936, 335.942
Yxy	27.3218, 0.3616, 0.1946
Android (android.graphics.Color)	4294262224 (0xFFFF53DD0)
YUV	132.7740, 37.0864, 98.4222
Hunter-Lab	52.2703, 81.8605, -34.0719

Details

The YIQ color **132.7740, 62.4770, 84.7250** 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 **173.2260, -62.4770, -84.7250**, 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 **72.4580, 60.5510, 86.5910** is the 20% darker color. If you saturate the color by 10%, you get **117.5290, 70.9570, 96.2450**, and if you desaturate by 10%, it is **147.4320, 54.2720, 73.7280**.

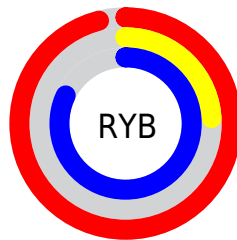
Distribution



Red (96%)

Green (24%)

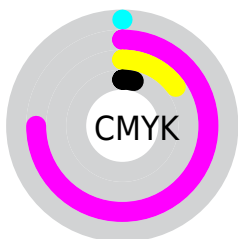
Blue (82%)



Red (96%)

Yellow (24%)

Blue (82%)

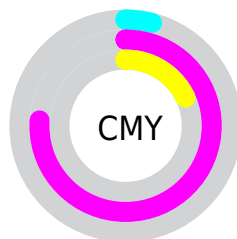


Cyan (0%)

Magenta (75%)

Yellow (15%)

Black (4%)



Cyan (4%)

Magenta (76%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.7740, 62.4770, 84.7250 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 132.7740, 62.4770, 84.7250 by changing the saturation by 10% instead.

132.7740, 62.4770,
84.7250

132.7740, 62.4770,
84.7250

255.0000, -0.0000,
-0.0000

88.3270, 68.7100,
98.4220

179.2770, 35.4750,
67.4670

72.7570, 61.1470,
86.8030

196.8870, 27.2250,
51.7770

60.8230, 51.6130,
72.3570

214.4970, 18.9750,
36.0870

49.1880, 42.6750,
58.1230

232.1070, 10.7250,
20.3970

37.7810, 33.0950,
44.5110

249.7170, 2.4750,
4.7070

27.0860, 24.3860,
31.6340

15.4940, 13.8890,

18.1210

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,
0.0000

■ 132.7740, 62.4770,
84.7250

■ 132.7740, 62.4770,
84.7250

■ 117.5290, 70.9570,
96.2450

■ 147.4320, 54.2720,
73.7280

■ 102.8710, 79.1620,
107.2420

■ 162.6770, 45.7920,
62.2080

■ 95.5990, 83.1040,
112.8960

■ 177.3350, 37.5870,
51.2110

■ 192.5800, 29.1070,
39.6910

■ 207.8250, 20.6270,
28.1710

■ 222.4830, 12.4220,
17.1740

■ 237.7280, 3.9420,
5.6540

■ 251.2120, -3.7130,
-4.2970

■ 251.6680, -4.9970,
-3.0530

Harmonies

Analogous

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



142.3440, -19.3580, 53.4900



132.7740, 62.4770, 84.7250



98.2230, 106.6290, 88.5250

Triad

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



132.7740, 62.4770, 84.7250



132.6560, 54.8890, -42.1270



129.2870, -122.9180, -19.0620

Complementary

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



132.7740, 62.4770, 84.7250



173.2260, -62.4770, -84.7250

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.



120.6230, -98.5220, -42.6980



132.7740, 62.4770, 84.7250



117.2090, -1.9130, -69.9850

Square

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



132.7740, 62.4770, 84.7250



133.2960, 100.9620, -12.5580



109.4000, -71.0540, -66.9420



127.6860, -128.0550, -8.5590

Rectangle

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



132.7740, 62.4770, 84.7250



113.5410, 113.1000, 53.8360



109.4000, -71.0540, -66.9420



127.1380, -115.4890, -27.0490

Sweetspot

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



132.7740, 62.4770, 84.7250



218.9990, 20.0770, 27.1250



93.0390, -37.0120, 65.0680



105.9560, 12.4680, 16.3400



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.



132.7740, 62.4770, 84.7250



114.7460, 78.0160, 105.9840



122.2860, 92.0090, 56.1130



114.7280, 3.9420, 5.6540



72.6000, 63.0270, 85.7710



22.9990, 20.0770, 27.1250

Inverse Universe

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



132.7740, 62.4770, 84.7250



114.7460, 78.0160, 105.9840



183.7140, -92.0090, -56.1130



114.7280, 3.9420, 5.6540



72.6000, 63.0270, 85.7710



22.9990, 20.0770, 27.1250

Previews

White Background



This preview shows how the YIQ color 132.7740, 62.4770, 84.7250 looks on a white background.

Color Contrast Check

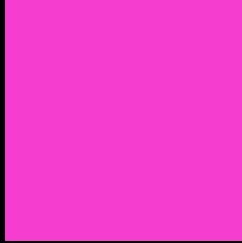
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.7740, 62.4770, 84.7250 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 132.7740, 62.4770, 84.7250

Background



This preview shows how black text looks on a background with the YIQ color 132.7740, 62.4770, 84.7250.



This preview shows how white text looks on a background with the YIQ color 132.7740, 62.4770, 84.7250.

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

132.7740, 62.4770, 84.7250

Protanopia

136.6760, -68.2280, 25.0520

Deuteranopia

142.8990, -26.9160, 14.2360



Tritanopia

138.9460, 80.3220, 31.1220

Trichromacy



Original Color

132.7740, 62.4770, 84.7250



Protanomaly

135.6440, -20.5030, 46.7050



Deuteranomaly

139.1890, 5.4030, 39.7630



Tritanomaly

136.8430, 74.0830, 50.5870

Monochromacy



Original Color

132.7740, 62.4770, 84.7250



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

133.0750, 22.9190, 30.6870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.7740, 62.4770, 84.7250 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(245, 61, 208)` looks like.

```
.text, #text, p{  
    color:rgb(245, 61, 208)  
}
```

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(245, 61, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 61, 208) }
```

Border

The CSS property to change the border of an element to YIQ 132.7740, 62.4770, 84.7250 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(245, 61, 208) }
```


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

```
.border{ border-color:rgb(245, 61, 208) }
```

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

Here you see how a box with a 4 pixel rgb(245, 61, 208) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 61, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 61, 208);  
box-shadow:4px 4px 4px 4px rgb(245, 61,  
208) }
```

Background

The CSS property to change the background color of an element to YIQ 132.7740, 62.4770, 84.7250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 61, 208) }
```

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

```
.background{ background-color: rgb(245, 61,  
208) }
```

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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