

Converting Colors

YIQ(135.2500, 83.6630, 64.1990)

Have a look what the booklet for
YIQ(135.2500, 83.6630, 64.1990)
contains.

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Color

**YIQ(135.2500, 83.6630,
64.1990)**

Conversions

Conversions Part 1

Format	Color
Hex	FF4798
RGB	255, 71, 152
RGB Percent	100%, 28%, 60%
CMY	0.0000, 0.7218, 0.4037
CMYK	0.00, 0.72, 0.40, 0.00
HSL	334°, 100%, 64%
HSV	334°, 72%, 100%
XYZ	49.1615, 28.0259, 32.5537
YIQ	135.2500, 83.6630, 64.1990

Conversions

Conversions Part 2

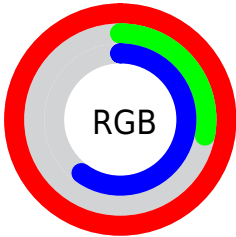
Format	Color
R_{YB}	255, 71, 152
Decimal	16730008
CIE Lab	59.91, 74.15, -2.85
CIE LCh	60, 74.205, 357.798
Yxy	28.0259, 0.4480, 0.2554
Android (android.graphics.Color)	4294920088 (0xFFFF4798)
YUV	135.2500, 8.2577, 105.0208
Hunter-Lab	52.9395, 73.1171, 0.5989

Details

The YIQ color **135.2500, 83.6630, 64.1990** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **190.7500, -83.6630, -64.1990**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **177.8000, 49.2790, 48.5670**, and **69.2210, 82.6070, 72.3270** is the 20% darker color. If you saturate the color by 10%, you get **118.3920, 95.3070, 73.4430**, and if you desaturate by 10%, it is **151.5210, 72.2940, 55.4780**.

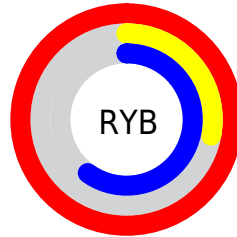
Distribution



Red (100%)

Green (28%)

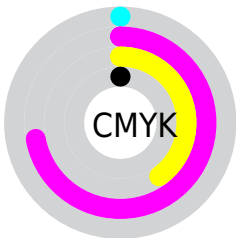
Blue (60%)



Red (100%)

Yellow (28%)

Blue (60%)

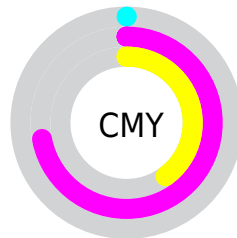


Cyan (0%)

Magenta (72%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (72%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.2500, 83.6630, 64.1990 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 135.2500, 83.6630, 64.1990 by changing the saturation by 10% instead.


 135.2500, 83.6630,
64.1990


 135.2500, 83.6630,
64.1990


255.0000, -0.0000,
-0.0000


 100.1240, 84.2580,
69.9380


 177.8000, 49.2790,
48.5670

 69.2210, 82.6070,
72.3270


 198.0150, 32.3160,
42.1080

 57.3300, 71.5140,
58.6020


 218.0190, 17.3250,
32.9490

 45.7380, 61.0170,
45.0890

 235.6290, 9.0750,
17.2590

 34.3740, 49.8780,
32.1980

 253.2390, 0.8250,
1.5690

 23.6790, 41.1690,
19.3210

 12.9710, 25.3070,

9.4270

■ 0.0000, 0.0000,
0.0000

■ 135.2500, 83.6630,
64.1990

■ 135.2500, 83.6630,
64.1990

■ 118.3920, 95.3070,
73.4430

■ 151.5210, 72.2940,
55.4780

■ 102.1210,
106.6760, 82.1640

■ 168.4930, 60.3290,
46.5450

■ 89.0130, 116.0280,
88.8920

■ 184.7640, 48.9600,
37.8240

■ 201.6220, 37.3160,
28.5800

■ 217.8930, 25.9470,
19.8590

234.8650, 13.9820,
10.9260

251.1360, 2.6130,
2.2050

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.



145.7450, 33.9170, 62.6610



135.2500, 83.6630, 64.1990



134.4110, 101.1820, 38.5420

Triad

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



135.2500, 83.6630, 64.1990



126.8320, 24.4940, -58.4660



127.6860, -128.0550, -8.5590

Complementary

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



135.2500, 83.6630, 64.1990



190.7500, -83.6630, -64.1990

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.



124.8070, -113.0590, -27.0350



135.2500, 83.6630, 64.1990



106.4820, -68.3490, -66.4050

Square

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



135.2500, 83.6630, 64.1990



135.4020, 67.5880, -35.4840



117.1690, -91.5520, -47.8720



119.4680, -124.2050, -1.2370

Rectangle

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



135.2500, 83.6630, 64.1990



136.6930, 99.3070, 11.9390



117.1690, -91.5520, -47.8720



127.7370, -124.0650, -14.7930

Sweetspot

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



135.2500, 83.6630, 64.1990



218.5940, 25.3510, 19.6470



122.1750, 1.1320, 78.6360



105.8760, 15.4490, 11.8730



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.



135.2500, 83.6630, 64.1990



110.5500, 100.8540, 77.5420



131.2990, 107.1890, 34.3010



119.4570, 6.1430, 4.3110



66.6850, 86.8720, 66.6160



22.3280, 29.1560, 22.2760

Inverse Universe

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



135.2500, 83.6630, 64.1990



110.5500, 100.8540, 77.5420



194.7010, -107.1890, -34.3010



119.4570, 6.1430, 4.3110



66.6850, 86.8720, 66.6160



22.3280, 29.1560, 22.2760

Previews

White Background



This preview shows how the YIQ color 135.2500, 83.6630, 64.1990 looks on a white background.

Color Contrast Check

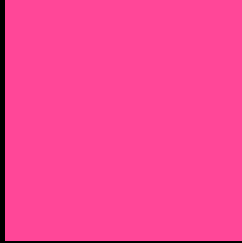
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.2500, 83.6630, 64.1990 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 135.2500, 83.6630, 64.1990

Background



This preview shows how black text looks on a background with the YIQ color 135.2500, 83.6630, 64.1990.



This preview shows how white text looks on a background with the YIQ color 135.2500, 83.6630,

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

135.2500, 83.6630, 64.1990

Protanopia

144.9700, -25.6780, 13.8260

Deuteranopia

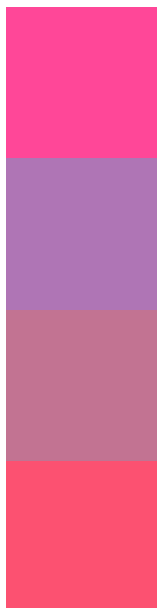
146.0230, 10.3610, 4.9610



Tritanopia

135.9050, 96.7350, 36.5350

Trichromacy



Original Color

135.2500, 83.6630, 64.1990

Protanomaly

141.6380, 14.0240, 32.2000

Deuteranomaly

142.1550, 37.1330, 26.3890

Tritanomaly

135.7770, 91.6440, 46.2040

Monochromacy



Original Color

135.2500, 83.6630, 64.1990

Achromatopsia

135.0000, -0.0000, -0.0000

Achromatomaly

135.3390, 30.6230, 23.2230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.2500, 83.6630, 64.1990 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, 71, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 71, 152)  
}
```

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, 71, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 71, 152) }
```

Border

The CSS property to change the border of an element to YIQ 135.2500, 83.6630, 64.1990 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, 71, 152) }
```


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

```
.border{ border-color:rgb(255, 71, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 71, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 71, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 71, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 71,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 135.2500, 83.6630, 64.1990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 71, 152) }
```

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

```
.background{ background-color: rgb(255, 71,  
152) }
```

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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