

Converting Colors

YIQ(132.9820, 56.5600, 98.3520)

Have a look what the booklet for
YIQ(132.9820, 56.5600, 98.3520)
contains.

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Color

**YIQ(132.9820, 56.5600,
98.3520)**

Conversions

Conversions Part 1

Format	Color
Hex	F836EE
RGB	248, 54, 238
RGB Percent	97%, 21%, 93%
CMY	0.0269, 0.7885, 0.0666
CMYK	0.00, 0.78, 0.04, 0.03
HSL	303°, 93%, 59%
HSV	303°, 78%, 97%
XYZ	55.5146, 28.7884, 83.5358
YIQ	132.9820, 56.5600, 98.3520

Conversions

Conversions Part 2

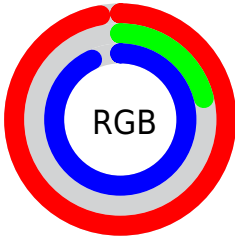
Format	Color
RYB	248, 54, 238
Decimal	16266990
CIELab	60.59, 87.80, -51.03
CIElCh	61, 101.556, 329.835
Yxy	28.7884, 0.3308, 0.1715
Android (android.graphics.Color)	4294457070 (0xFFFF836EE)
YUV	132.9820, 51.7739, 100.8708
Hunter-Lab	53.6548, 90.7912, -54.7509

Details

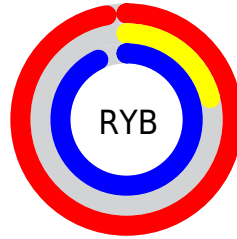
The YIQ color **132.9820, 56.5600, 98.3520** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **169.0180, -56.5600, -98.3520**, and the grayscale version is **132.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **177.5160, 36.3000, 69.0360**, and **76.5470, 53.3510, 95.9350** is the 20% darker color. If you saturate the color by 10%, you get **118.1930, 63.7560, 111.1160**, and if you desaturate by 10%, it is **147.7710, 49.3640, 85.5880**.

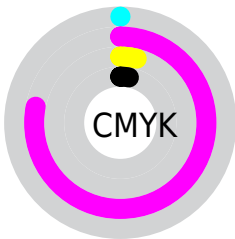
Distribution



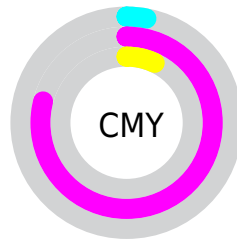
- Red (97%)
- Green (21%)
- Blue (93%)



- Red (97%)
- Yellow (21%)
- Blue (93%)



- Cyan (0%)
- Magenta (78%)
- Yellow (4%)
- Black (3%)





- Cyan (3%)
- Magenta (79%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 132.9820, 56.5600, 98.3520 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 132.9820, 56.5600, 98.3520 by changing the saturation by 10% instead.


 132.9820, 56.5600,
98.3520


 132.9820, 56.5600,
98.3520


255.0000, -0.0000,
-0.0000


 88.7090, 62.2430,
111.0030


 177.5160, 36.3000,
69.0360


 76.5470, 53.3510,
95.9350


 195.7130, 27.7750,
52.8230


 64.4990, 44.1380,
81.1780


 213.3230, 19.5250,
37.1330

 52.7500, 35.5210,
66.6330

 230.9330, 11.2750,
21.4430

 41.2290, 26.2620,
52.7100

 249.1300, 2.7500,
5.2300

 30.3060, 18.1950,
39.2110

 18.3010, 7.4230,

25.1750

■ 3.4200, -9.6300,
9.3300

■ 0.1140, -0.3210,
0.3110

■ 132.9820, 56.5600,
98.3520

■ 132.9820, 56.5600,
98.3520

■ 118.1930, 63.7560,
111.1160

■ 147.7710, 49.3640,
85.5880

■ 103.2900, 71.2730,
123.5690

■ 162.6740, 41.8470,
73.1350

■ 100.9420, 72.3730,
125.6610

■ 176.8760, 34.9260,
60.8940

■ 191.6650, 27.7300,
48.1300

206.4540, 20.5340,
35.3660

221.3570, 13.0170,
22.9130

236.1460, 5.8210,
10.1490

250.3480, -1.1000,
-2.0920

252.3370, -2.5670,
-3.0390

Harmonies

Analogous

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



136.8630, -43.2890, 41.1510



132.9820, 56.5600, 98.3520



93.4590, 103.5090, 101.0210

Triad

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



132.9820, 56.5600, 98.3520



137.1630, 66.7630, -37.0530



133.5100, -125.1640, -22.4120

Complementary

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



132.9820, 56.5600, 98.3520



169.0180, -56.5600, -98.3520

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.



123.1360, -95.9530, -50.7130



132.9820, 56.5600, 98.3520



122.8570, 5.0100, -68.7980

Square

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



132.9820, 56.5600, 98.3520



133.1290, 117.9700, -1.4060



108.8010, -62.4780, -79.1980



132.9690, -130.5300, -13.2660

Rectangle

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



132.9820, 56.5600, 98.3520



86.7330, 122.4480, 82.6720



108.8010, -62.4780, -79.1980



130.7910, -116.1300, -31.9540

Sweetspot

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



132.9820, 56.5600, 98.3520



220.0250, 17.1880, 29.9240



79.1060, -56.3140, 62.4540



106.6400, 10.5420, 18.2060



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.



132.9820, 56.5600, 98.3520



112.7520, 69.8520, 121.7880



121.9240, 87.6970, 68.1850



117.2550, 3.8960, 6.4880



76.9170, 55.1850, 95.7370



24.8510, 17.7380, 30.9700

Inverse Universe

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



132.9820, 56.5600, 98.3520



112.7520, 69.8520, 121.7880



180.0760, -87.6970, -68.1850



117.2550, 3.8960, 6.4880



76.9170, 55.1850, 95.7370



24.8510, 17.7380, 30.9700

Previews

White Background



This preview shows how the YIQ color 132.9820, 56.5600, 98.3520 looks on a white background.

Color Contrast Check

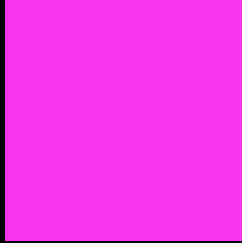
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.9820, 56.5600, 98.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

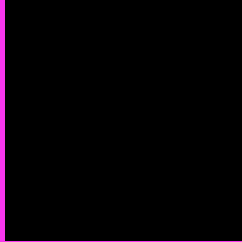
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 132.9820, 56.5600, 98.3520

Background



This preview shows how black text looks on a background with the YIQ color 132.9820, 56.5600, 98.3520.



This preview shows how white text looks on a background with the YIQ color 132.9820, 56.5600,

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

132.9820, 56.5600, 98.3520

Protanopia

141.1170, -65.1560, 24.4440

Deuteranopia

143.0460, -49.1990, 16.0890



Tritanopia

143.9670, 75.8290, 29.9490

Trichromacy



Original Color

132.9820, 56.5600, 98.3520



Protanomaly

138.3930, -21.0540, 51.1860



Deuteranomaly

139.7930, -10.7370, 45.9270



Tritanomaly

140.1400, 68.9930, 54.7290

Monochromacy



Original Color

132.9820, 56.5600, 98.3520



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

132.8670, 20.8090, 35.8890

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.9820, 56.5600, 98.3520 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(248, 54, 238)` looks like.

```
.text, #text, p{  
    color:rgb(248, 54, 238)  
}
```

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(248, 54, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 54, 238) }
```

Border

The CSS property to change the border of an element to YIQ 132.9820, 56.5600, 98.3520 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(248, 54, 238) }
```


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

```
.border{ border-color:rgb(248, 54, 238) }
```

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

Here you see how a box with a 4 pixel rgb(248, 54, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 54, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 54, 238);  
box-shadow:4px 4px 4px 4px rgb(248, 54,  
238) }
```

Background

The CSS property to change the background color of an element to YIQ 132.9820, 56.5600, 98.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 54, 238) }
```

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

```
.background{ background-color: rgb(248, 54,  
238) }
```

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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