

Converting Colors

YIQ(135.1430, 39.6890, 90.2250)

Have a look what the booklet for
YIQ(135.1430, 39.6890, 90.2250)
contains.

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Color

**YIQ(135.1430, 39.6890,
90.2250)**

Conversions

Conversions Part 1

Format	Color
Hex	E542F5
RGB	229, 66, 245
RGB Percent	90%, 26%, 96%
CMY	0.1015, 0.7414, 0.0392
CMYK	0.06, 0.73, 0.00, 0.04
HSL	295°, 90%, 61%
HSV	295°, 73%, 96%
XYZ	50.7801, 27.1603, 88.9561
YIQ	135.1430, 39.6890, 90.2250

Conversions

Conversions Part 2

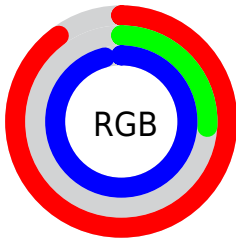
Format	Color
R _Y B	229, 66, 245
Decimal	15024885
CIE _{Lab}	59.12, 81.91, -57.45
CIE _{LCh}	59, 100.049, 324.957
Yxy	27.1603, 0.3043, 0.1627
Android (android.graphics.Color)	4293214965 (0xFFE542F5)
YUV	135.1430, 54.1595, 82.3126
Hunter-Lab	52.1156, 82.7239, -64.7213

Details

The YIQ color **135.1430, 39.6890, 90.2250** 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 **175.8570, -39.6890, -90.2250**, and the grayscale version is **135.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.0380, 34.6500, 65.8980**, and **71.9630, 40.3760, 94.2960** is the 20% darker color. If you saturate the color by 10%, you get **119.8700, 45.3720, 102.8760**, and if you desaturate by 10%, it is **149.8290, 34.2810, 78.0970**.

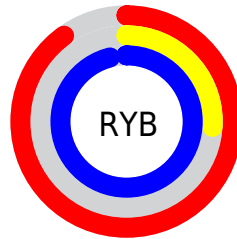
Distribution



Red (90%)

Green (26%)

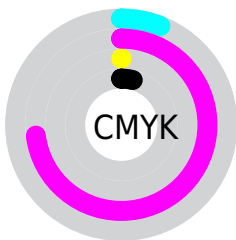
Blue (96%)



Red (90%)

Yellow (26%)

Blue (96%)

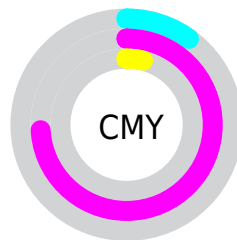


Cyan (6%)

Magenta (73%)

Yellow (0%)

Black (4%)



Cyan (10%)


Magenta (74%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 135.1430, 39.6890, 90.2250 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 135.1430, 39.6890, 90.2250 by changing the saturation by 10% instead.


 135.1430, 39.6890,
90.2250


 135.1430, 39.6890,
90.2250


255.0000, -0.0000,
-0.0000


 97.0390, 43.2180,
97.8580


 181.0380, 34.6500,
65.8980


 71.9630, 40.3760,
94.2960


 198.6480, 26.4000,
50.2080


 60.1000, 32.0800,
79.4400


 215.6710, 18.4250,
35.0410

 48.3510, 23.4630,
64.8950

 233.2810, 10.1750,
19.3510

 36.7160, 14.5250,
50.6610

 251.4780, 1.6500,
3.1380

 26.0920, 7.0540,
37.3740

 13.1900, -5.5060,

22.7020

■ 5.1640, -11.7850,
9.8390

■ 1.1400, -3.2100,
3.1100

■ 135.1430, 39.6890,
90.2250

■ 135.1430, 39.6890,
90.2250

■ 119.8700, 45.3720,
102.8760

■ 149.8290, 34.2810,
78.0970

■ 105.1840, 50.7800,
115.0040

■ 165.1020, 28.5980,
65.4460

■ 94.6070, 54.2630,
123.4710

■ 180.0870, 23.7860,
53.5300

■ 195.3600, 18.1030,
40.8790

210.0460, 12.6950,
28.7510

225.3190, 7.0120,
16.1000

240.0050, 1.6040,
3.9720

251.4680, -1.5580,
-4.8060

252.0660, -0.3660,
-4.3820

Harmonies

Analogous

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



124.8590, -72.9970, 28.8830



135.1430, 39.6890, 90.2250



94.5990, 100.2990, 104.1310

Triad

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



135.1430, 39.6890, 90.2250



134.2720, 74.0060, -30.6500



128.9960, -117.9650, -26.2290

Complementary

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



135.1430, 39.6890, 90.2250



175.8570, -39.6890, -90.2250

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.



117.4480, -88.2040, -53.4840



135.1430, 39.6890, 90.2250



123.2330, 15.8750, -61.9570

Square

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



135.1430, 39.6890, 90.2250



126.9820, 123.0580, 5.5060



101.9730, -51.5190, -85.0790



131.2080, -129.7050, -11.6970

Rectangle

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



135.1430, 39.6890, 90.2250



87.9870, 118.9170, 86.0930



101.9730, -51.5190, -85.0790



125.6900, -108.6560, -35.2480

Sweetspot

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



135.1430, 39.6890, 90.2250



220.6330, 12.4200, 28.2280



96.9720, -62.4090, 46.2550



107.1450, 7.5620, 17.1460



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.



135.1430, 39.6890, 90.2250



117.5320, 49.6800, 112.9120



131.7190, 72.3370, 71.2250



114.6570, 2.7040, 6.0640



72.0340, 41.6140, 93.8860



22.5730, 12.6490, 29.5850

Inverse Universe

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



121.3450, 101.5480, 42.9240



100.1420, 127.4050, 53.3970



179.2810, -72.3370, -71.2250



113.7020, 6.8310, 2.8550



57.5520, 105.3990, 44.7190



18.2110, 33.5590, 14.0630

Previews

White Background



This preview shows how the YIQ color 135.1430, 39.6890, 90.2250 looks on a white background.

Color Contrast Check

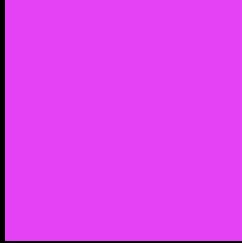
Large Text (above 18pt) WCAG AA ✓ Pass

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 135.1430, 39.6890, 90.2250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

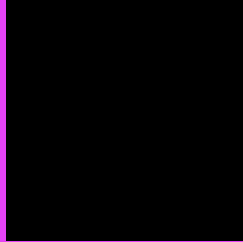
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 135.1430, 39.6890, 90.2250

Background



This preview shows how black text looks on a background with the YIQ color 135.1430, 39.6890, 90.2250.



This preview shows how white text looks on a background with the YIQ color 135.1430, 39.6890,

90.2250.

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

135.1430, 39.6890, 90.2250

Protanopia

136.0780, -69.4200, 24.6280

Deuteranopia

136.2170, -62.8620, 15.9060



Tritanopia

142.7090, 58.8200, 24.3240

Trichromacy



Original Color

135.1430, 39.6890, 90.2250



Protanomaly

135.3210, -29.7190, 48.5290



Deuteranomaly

135.7850, -25.4540, 42.8180



Tritanomaly

140.3550, 52.0300, 48.2700

Monochromacy



Original Color

135.1430, 39.6890, 90.2250



Achromatopsia

135.0000, -0.0000, -0.0000



Achromatomaly

135.0510, 14.2990, 32.7230

CSS Examples

Text

The CSS property to change the color of the text to YIQ 135.1430, 39.6890, 90.2250 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(229, 66, 245)` looks like.

```
.text, #text, p{  
    color:rgb(229, 66, 245)  
}
```

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(229, 66, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 66, 245) }
```

Border

The CSS property to change the border of an element to YIQ 135.1430, 39.6890, 90.2250 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(229, 66, 245) }
```


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

```
.border{ border-color:rgb(229, 66, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 66, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 66, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 66, 245);  
box-shadow:4px 4px 4px 4px rgb(229, 66,  
245) }
```

Background

The CSS property to change the background color of an element to YIQ 135.1430, 39.6890, 90.2250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 66, 245) }
```

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

```
.background{ background-color: rgb(229, 66,  
245) }
```

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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