

Converting Colors

YIQ(134.1490, 56.7470, 78.4350)

Have a look what the booklet for
YIQ(134.1490, 56.7470, 78.4350)
contains.

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Color

**YIQ(134.1490, 56.7470,
78.4350)**

Conversions

Conversions Part 1

Format	Color
Hex	ED44CD
RGB	237, 68, 205
RGB Percent	93%, 27%, 80%
CMY	0.0701, 0.7336, 0.1960
CMYK	0.00, 0.71, 0.14, 0.07
HSL	311°, 83%, 60%
HSV	311°, 71%, 93%
XYZ	48.0525, 26.5609, 60.3709
YIQ	134.1490, 56.7470, 78.4350

Conversions

Conversions Part 2

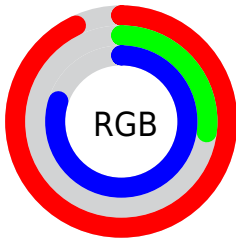
Format	Color
R_{YB}	237, 68, 205
Decimal	15549645
CIE _{Lab}	58.57, 76.91, -35.74
CIE _{LCh}	59, 84.814, 335.074
Yxy	26.5609, 0.3560, 0.1968
Android (android.graphics.Color)	4293739725 (0xFFED44CD)
YUV	134.1490, 34.9295, 90.2003
Hunter-Lab	51.5372, 76.2405, -33.3765

Details

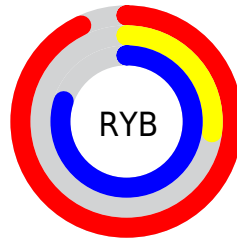
The YIQ color $134.1490, 56.7470, 78.4350$ is a light color, and the websafe version is hex $FF33CC$. The color can be described as light muted magenta. A complement of this color would be $170.8510, -56.7470, -78.4350$, and the grayscale version is $134.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $181.6250, 34.3750, 65.3750$, and $70.0230, 57.3420, 84.1740$ is the 20% darker color. If you saturate the color by 10%, you get $119.6050, 64.6310, 89.7430$, and if you desaturate by 10%, it is $148.8070, 48.5420, 67.4380$.

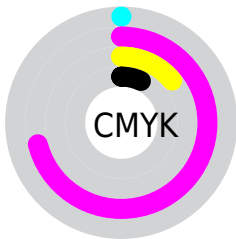
Distribution



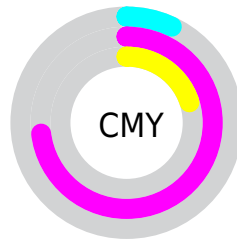
- Red (93%)
- Green (27%)
- Blue (80%)



- Red (93%)
- Yellow (27%)
- Blue (80%)



- Cyan (0%)
- Magenta (71%)
- Yellow (14%)
- Black (7%)



- Cyan (7%)
- Magenta (73%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 134.1490, 56.7470, 78.4350 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 134.1490, 56.7470, 78.4350 by changing the saturation by 10% instead.

134.1490, 56.7470,
78.4350

134.1490, 56.7470,
78.4350

255.0000, -0.0000,
-0.0000

97.9200, 59.1300,
84.8100

181.6250, 34.3750,
65.3750

70.0230, 57.3420,
84.1740

198.6480, 26.4000,
50.2080

58.3880, 48.4040,
69.9400

216.2580, 18.1500,
34.5180

46.8670, 39.1450,
56.0170

233.8680, 9.9000,
18.8280

35.6450, 30.4820,
42.3060

251.4780, 1.6500,
3.1380

24.9500, 21.7730,
29.4290

13.4720, 10.9550,

16.2270

■ 0.0000, 0.0000,
0.0000

■ 134.1490, 56.7470,
78.4350

■ 134.1490, 56.7470,
78.4350

■ 119.6050, 64.6310,
89.7430

■ 148.8070, 48.5420,
67.4380

■ 105.5340, 72.5610,
100.2170

■ 162.7640, 40.9330,
56.6530

■ 92.7510, 79.6200,
109.9560

■ 177.4220, 32.7280,
45.6560

■ 191.9660, 24.8440,
34.3480

■ 206.6240, 16.6390,
23.3510

■ 220.5810, 9.0300,
12.5660

■ 235.2390, 0.8250,
1.5690

■ 248.0220, -6.2340,
-8.1700

■ 248.5920, -7.8390,
-6.6150

Harmonies

Analogous

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



141.4360, -22.6130, 51.9070



134.1490, 56.7470, 78.4350



111.2510, 100.2580, 77.3300

Triad

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



134.1490, 56.7470, 78.4350



130.8950, 55.7140, -40.5580



126.6140, -119.5250, -19.9810

Complementary

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



134.1490, 56.7470, 78.4350



170.8510, -56.7470, -78.4350

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.



118.2920, -96.0920, -42.6840



134.1490, 56.7470, 78.4350



117.2420, 2.4880, -67.1440

Square

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



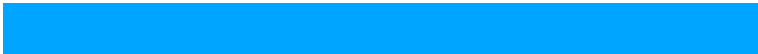
134.1490, 56.7470, 78.4350



131.2250, 99.7240, -12.1480



107.5250, -69.9080, -65.6840



125.9250, -127.2300, -6.9900

Rectangle

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



134.1490, 56.7470, 78.4350



117.4050, 110.4870, 51.6310



107.5250, -69.9080, -65.6840



124.5790, -112.4170, -27.6570

Sweetspot

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



134.1490, 56.7470, 78.4350



222.1620, 18.0600, 25.1320



96.5350, -35.7730, 59.1310



108.4180, 11.0470, 14.5590



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.



134.1490, 56.7470, 78.4350



121.6590, 73.7070, 101.4750



124.6870, 83.3900, 52.6220



110.3150, 3.6670, 5.1310



70.8770, 60.6890, 84.0890



21.0480, 18.3810, 24.8210

Inverse Universe

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



134.1490, 56.7470, 78.4350



121.6590, 73.7070, 101.4750



180.4270, -83.7110, -52.3110



110.3150, 3.6670, 5.1310



70.8770, 60.6890, 84.0890



21.0480, 18.3810, 24.8210

Previews

White Background



This preview shows how the YIQ color 134.1490, 56.7470, 78.4350 looks on a white background.

Color Contrast Check

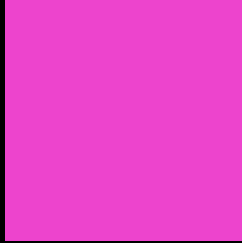
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.1490, 56.7470, 78.4350 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

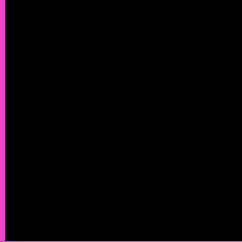
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 134.1490, 56.7470, 78.4350

Background



This preview shows how black text looks on a background with the YIQ color 134.1490, 56.7470, 78.4350.



This preview shows how white text looks on a background with the YIQ color 134.1490, 56.7470,

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

134.1490, 56.7470, 78.4350

Protanopia

134.6050, -69.4660, 25.4620

Deuteranopia

140.8990, -26.9160, 14.2360



Tritanopia

138.3690, 74.6370, 29.5250

Trichromacy



Original Color

134.1490, 56.7470, 78.4350



Protanomaly

134.6220, -23.4370, 44.8110



Deuteranomaly

138.3520, 3.3860, 37.7700



Tritanomaly

136.9130, 67.8940, 47.1100

Monochromacy



Original Color

134.1490, 56.7470, 78.4350



Achromatopsia

134.0000, -0.0000, -0.0000



Achromatomaly

133.9390, 20.3060, 28.4820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.1490, 56.7470, 78.4350 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(237, 68, 205)` looks like.

```
.text, #text, p{  
    color:rgb(237, 68, 205)  
}
```

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(237, 68, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 68, 205) }
```

Border

The CSS property to change the border of an element to YIQ 134.1490, 56.7470, 78.4350 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(237, 68, 205) }
```


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

```
.border{ border-color:rgb(237, 68, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 68, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 68, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 68, 205);  
box-shadow:4px 4px 4px 4px rgb(237, 68,  
205) }
```

Background

The CSS property to change the background color of an element to YIQ 134.1490, 56.7470, 78.4350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 68, 205) }
```

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

```
.background{ background-color: rgb(237, 68,  
205) }
```

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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