

Converting Colors

YIQ(134.7250, 56.1460,
105.8580)

Have a look what the booklet for
YIQ(134.7250, 56.1460, 105.8580)
contains.

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Color

**YIQ(134.7250, 56.1460,
105.8580)**

Conversions

Conversions Part 1

Format	Color
Hex	FE33FD
RGB	254, 51, 253
RGB Percent	100%, 20%, 99%
CMY	0.0033, 0.8003, 0.0078
CMYK	0.00, 0.80, 0.00, 0.00
HSL	300°, 99%, 60%
HSV	300°, 80%, 100%
XYZ	59.8423, 30.5533, 95.6860
YIQ	134.7250, 56.1460, 105.8580

Conversions

Conversions Part 2

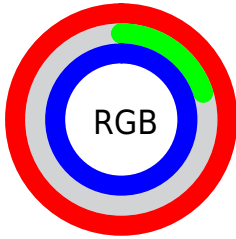
Format	Color
R_{YB}	254, 51, 253
Decimal	16659453
CIE _{Lab}	62.13, 91.78, -56.86
CIE _{LCh}	62, 107.969, 328.219
Yxy	30.5533, 0.3216, 0.1642
Android (android.graphics.Color)	4294849533 (0xFFFE33FD)
YUV	134.7250, 58.3096, 104.6042
Hunter-Lab	55.2750, 96.5178, -63.9437

Details

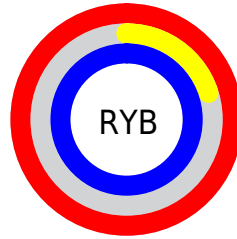
The YIQ color **134.7250, 56.1460, 105.8580** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light washed magenta. A complement of this color would be **170.2750, -56.1460, -105.8580**, and the grayscale version is **134.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **176.9290, 36.5750, 69.5590**, and **80.0510, 52.1120, 101.8720** is the 20% darker color. If you saturate the color by 10%, you get **120.0500, 63.0210, 118.9330**, and if you desaturate by 10%, it is **149.4000, 49.2710, 92.7830**.

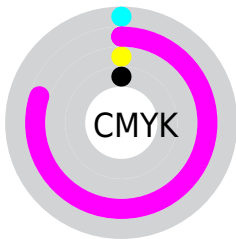
Distribution



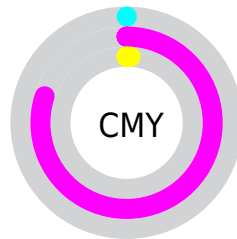
- Red (100%)
- Green (20%)
- Blue (99%)



- Red (100%)
- Yellow (20%)
- Blue (99%)



- Cyan (0%)
- Magenta (80%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (80%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 134.7250, 56.1460, 105.8580 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 134.7250, 56.1460, 105.8580 by changing the saturation by 10% instead.


 134.7250, 56.1460,
105.8580


 134.7250, 56.1460,
105.8580


255.0000, -0.0000,
-0.0000


 92.2130, 61.0040,
116.9400


 176.9290, 36.5750,
69.5590


 80.0510, 52.1120,
101.8720


 195.7130, 27.7750,
52.8230


 67.8890, 43.2200,
86.8040


 213.3230, 19.5250,
37.1330

 55.8410, 34.0070,
72.0470

 231.5200, 11.0000,
20.9200

 43.7930, 24.7940,
57.2900

 249.7170, 2.4750,
4.7070

 32.5710, 16.1310,
43.5790

 20.8650, 5.9550,

29.7550

■ 5.8700, -10.7770,
13.5990

■ 2.7530, -6.3740,
5.3860

■ 134.7250, 56.1460,
105.8580

■ 134.7250, 56.1460,
105.8580

■ 120.0500, 63.0210,
118.9330

■ 149.4000, 49.2710,
92.7830

■ 104.7880, 70.1710,
132.5310

■ 164.6620, 42.1210,
79.1850

■ 179.3370, 35.2460,
66.1100

■ 194.7130, 27.7750,
52.8230

■ 209.3880, 20.9000,
39.7480

■ 224.0630, 14.0250,
26.6730

■ 239.3250, 6.8750,
13.0750

254.0000, -0.0000,
-0.0000

254.5870, -0.2750,
-0.5230

Harmonies

Analogous

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



135.3130, -53.6040, 35.3560



134.7250, 56.1460, 105.8580



94.4850, 100.6200, 103.8200

Triad

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



134.7250, 56.1460, 105.8580



141.0280, 71.5770, -36.1910



137.6020, -128.4190, -23.9950

Complementary

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



134.7250, 56.1460, 105.8580



170.2750, -56.1460, -105.8580

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.



125.9570, -97.0070, -53.6390



134.7250, 56.1460, 105.8580



126.4010, 6.2940, -70.0420

Square

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



134.7250, 56.1460, 105.8580



134.3580, 124.7550, 2.2830



110.0260, -59.0380, -86.4780



137.0780, -132.4550, -16.9270

Rectangle

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



134.7250, 56.1460, 105.8580



87.4170, 120.5220, 84.5380



110.0260, -59.0380, -86.4780



134.0680, -118.4680, -33.6360

Sweetspot

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



134.7250, 56.1460, 105.8580



219.1930, 16.7750, 31.9030



74.1420, -65.1630, 63.1330



106.1670, 10.4960, 19.0400



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.



134.7250, 56.1460, 105.8580



111.0710, 67.6960, 127.8240



123.3250, 88.2460, 74.7580



120.2550, 3.8960, 6.4880



78.7690, 52.8460, 99.5820



26.3180, 17.9210, 33.1610

Inverse Universe

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



134.7250, 56.1460, 105.8580



111.0710, 67.6960, 127.8240



181.7890, -88.5670, -74.4470



120.2550, 3.8960, 6.4880



78.7690, 52.8460, 99.5820



26.3180, 17.9210, 33.1610

Previews

White Background



This preview shows how the YIQ color 134.7250, 56.1460, 105.8580 looks on a white background.

Color Contrast Check

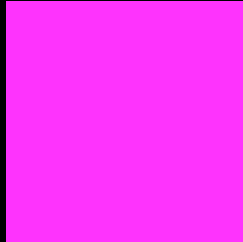
Large Text (above 18pt) WCAG AA × Fail

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 134.7250, 56.1460, 105.8580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

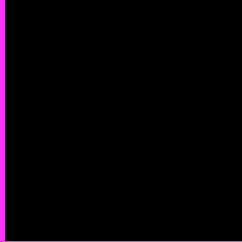
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 134.7250, 56.1460, 105.8580

Background



This preview shows how black text looks on a background with the YIQ color 134.7250, 56.1460, 105.8580.



This preview shows how white text looks on a background with the YIQ color 134.7250, 56.1460,

105.8580.

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

134.7250, 56.1460, 105.8580

Protanopia

145.5580, -62.0840, 23.8360

Deuteranopia

145.1960, -58.3690, 17.0790



Tritanopia

147.9670, 75.8290, 29.9490

Trichromacy



Original Color

134.7250, 56.1460, 105.8580



Protanomaly

141.6430, -18.7620, 53.7020



Deuteranomaly

141.3780, -16.6980, 49.3340



Tritanomaly

143.1340, 69.1300, 57.7540

Monochromacy



Original Color

134.7250, 56.1460, 105.8580



Achromatopsia

135.0000, -0.0000, -0.0000



Achromatomaly

134.5620, 20.3500, 38.7020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 134.7250, 56.1460, 105.8580 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(254, 51, 253)` looks like.

```
.text, #text, p{  
    color:rgb(254, 51, 253)  
}
```

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(254, 51, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 51, 253) }
```

Border

The CSS property to change the border of an element to YIQ 134.7250, 56.1460, 105.8580 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(254, 51, 253) }
```


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

```
.border{ border-color:rgb(254, 51, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 51, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 51, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 51, 253);  
box-shadow:4px 4px 4px 4px rgb(254, 51,  
253) }
```

Background

The CSS property to change the background color of an element to YIQ 134.7250, 56.1460, 105.8580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 51, 253) }
```

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

```
.background{ background-color: rgb(254, 51,  
253) }
```

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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