

Converting Colors

YIQ(133.3120, 54.7300, 76.4420)

Have a look what the booklet for
YIQ(133.3120, 54.7300, 76.4420)
contains.

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Color

**YIQ(133.3120, 54.7300,
76.4420)**

Conversions

Conversions Part 1

Format	Color
Hex	E945CB
RGB	233, 69, 203
RGB Percent	91%, 27%, 80%
CMY	0.0858, 0.7296, 0.2038
CMYK	0.00, 0.70, 0.13, 0.09
HSL	311°, 79%, 59%
HSV	311°, 70%, 91%
XYZ	46.5506, 25.9050, 59.0647
YIQ	133.3120, 54.7300, 76.4420

Conversions

Conversions Part 2

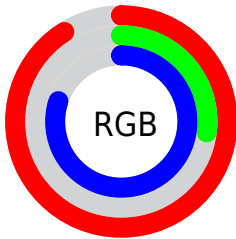
Format	Color
R _{YB}	233, 69, 203
Decimal	15287755
CIE _{Lab}	57.95, 75.39, -35.62
CIE _{LCh}	58, 83.378, 334.711
Yxy	25.9050, 0.3539, 0.1970
Android (android.graphics.Color)	4293477835 (0xFFE945CB)
YUV	133.3120, 34.3562, 87.4264
Hunter-Lab	50.8969, 74.1874, -33.1768

Details

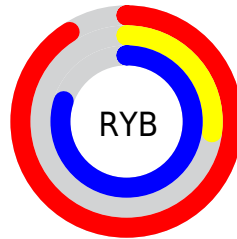
The YIQ color **133.3120, 54.7300, 76.4420** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light muted magenta. A complement of this color would be **168.6880, -54.7300, -76.4420**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.6250, 34.3750, 65.3750**, and **68.5990, 55.6000, 82.7040** is the 20% darker color. If you saturate the color by 10%, you get **119.3550, 62.3390, 87.2270**, and if you desaturate by 10%, it is **147.2690, 47.1210, 65.6570**.

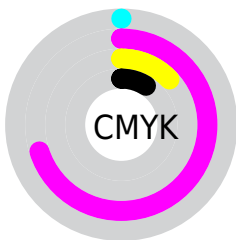
Distribution



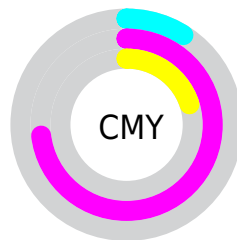
- Red (91%)
- Green (27%)
- Blue (80%)



- Red (91%)
- Yellow (27%)
- Blue (80%)



- Cyan (0%)
- Magenta (70%)
- Yellow (13%)
- Black (9%)





- Cyan (9%)
- Magenta (73%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.3120, 54.7300, 76.4420 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 133.3120, 54.7300, 76.4420 by changing the saturation by 10% instead.


 133.3120, 54.7300,
76.4420


 133.3120, 54.7300,
76.4420


255.0000, -0.0000,
-0.0000


 98.2570, 56.5630,
81.7710


 181.6250, 34.3750,
65.3750


 68.5990, 55.6000,
82.7040


 199.2350, 26.1250,
49.6850

 56.9640, 46.6620,
68.4700


 216.2580, 18.1500,
34.5180

 45.7420, 37.9990,
54.7590

 233.8680, 9.9000,
18.8280

 34.3350, 28.4190,
41.1470

 251.4780, 1.6500,
3.1380

 23.9390, 20.3060,
28.4820

 12.4610, 9.4880,

15.2800

■ 0.0000, 0.0000,
0.0000

■ 133.3120, 54.7300,
76.4420

■ 133.3120, 54.7300,
76.4420

■ 119.3550, 62.3390,
87.2270

■ 147.2690, 47.1210,
65.6570

■ 104.6970, 70.5440,
98.2240

■ 161.9270, 38.9160,
54.6600


■ 91.3270, 77.8780,
108.4860

■ 175.8840, 31.3070,
43.8750


■ 189.8410, 23.6980,
33.0900

■ 204.3850, 15.8140,
21.7820

 218.4560, 7.8840,
11.3080

 232.4130, 0.2750,
0.5230

 246.3700, -7.3340,
-10.2620

 246.8260, -8.6180,
-9.0180

Harmonies

Analogous

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



139.9520, -24.1260, 51.7940



133.3120, 54.7300, 76.4420



112.3110, 100.0290, 75.9730

Triad

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



133.3120, 54.7300, 76.4420



129.4220, 55.6680, -39.7240



124.9840, -117.6910, -20.1790

Complementary

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



133.3120, 54.7300, 76.4420



168.6880, -54.7300, -76.4420

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.



116.7760, -94.5790, -42.5710



133.3120, 54.7300, 76.4420



116.6660, 4.2300, -65.6740

Square

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



133.3120, 54.7300, 76.4420



129.7410, 98.2110, -12.2610



106.2370, -69.0370, -64.9490



124.7510, -126.6800, -5.9440

Rectangle

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



133.3120, 54.7300, 76.4420



117.9920, 110.2120, 51.1080



106.2370, -69.0370, -64.9490



122.4760, -110.6290, -27.0210

Sweetspot

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



133.3120, 54.7300, 76.4420



222.1620, 18.0600, 25.1320



95.7690, -36.5520, 56.7280



108.5320, 10.7260, 14.8700



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.



133.3120, 54.7300, 76.4420



123.0610, 72.5150, 101.0510



124.3060, 80.0890, 51.8730



110.3150, 3.6670, 5.1310



70.9910, 60.3680, 84.4000



21.1620, 18.0600, 25.1320

Inverse Universe

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



133.3120, 54.7300, 76.4420



123.0610, 72.5150, 101.0510



177.6940, -80.0890, -51.8730



110.3150, 3.6670, 5.1310



70.9910, 60.3680, 84.4000



21.1620, 18.0600, 25.1320

Previews

White Background



This preview shows how the YIQ color 133.3120, 54.7300, 76.4420 looks on a white background.

Color Contrast Check

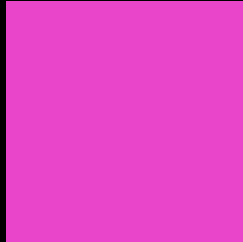
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.3120, 54.7300, 76.4420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

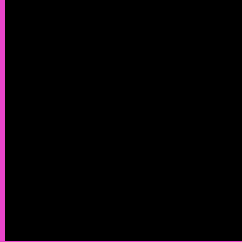
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.3120, 54.7300, 76.4420

Background



This preview shows how black text looks on a background with the YIQ color 133.3120, 54.7300, 76.4420.



This preview shows how white text looks on a background with the YIQ color 133.3120, 54.7300,

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

133.3120, 54.7300, 76.4420

Protanopia

132.8220, -71.5750, 25.1370

Deuteranopia

139.4860, -27.1910, 13.7130



Tritanopia

137.1730, 72.2530, 28.6770

Trichromacy



Original Color

133.3120, 54.7300, 76.4420



Protanomaly

133.3120, -25.5000, 43.6520



Deuteranomaly

137.2270, 2.2400, 36.5120



Tritanomaly

135.6030, 65.8310, 45.9510

Monochromacy



Original Color

133.3120, 54.7300, 76.4420



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

133.1130, 19.7560, 27.4360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.3120, 54.7300, 76.4420 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(233, 69, 203)` looks like.

```
.text, #text, p{  
    color:rgb(233, 69, 203)  
}
```

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(233, 69, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 69, 203) }
```

Border

The CSS property to change the border of an element to YIQ 133.3120, 54.7300, 76.4420 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(233, 69, 203) }
```


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

```
.border{ border-color:rgb(233, 69, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 69, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 69, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 69, 203);  
box-shadow:4px 4px 4px 4px rgb(233, 69,  
203) }
```

Background

The CSS property to change the background color of an element to YIQ 133.3120, 54.7300, 76.4420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 69, 203) }
```

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

```
.background{ background-color: rgb(233, 69,  
203) }
```

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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