

Converting Colors

YIQ(160.2040, 28.5510, 71.8070)

Have a look what the booklet for
YIQ(160.2040, 28.5510, 71.8070)
contains.

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Color

**YIQ(160.2040, 28.5510,
71.8070)**

Conversions

Conversions Part 1

Format	Color
Hex	E86AFB
RGB	232, 106, 251
RGB Percent	91%, 42%, 98%
CMY	0.0898, 0.5845, 0.0157
CMYK	0.08, 0.58, 0.00, 0.02
HSL	292°, 95%, 70%
HSV	292°, 58%, 98%
XYZ	55.8723, 34.4347, 94.9688
YIQ	160.2040, 28.5510, 71.8070

Conversions

Conversions Part 2

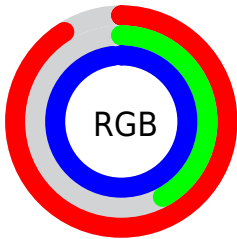
Format	Color
R _Y B	232, 106, 251
Decimal	15231739
CIE _{Lab}	65.31, 68.39, -50.91
CIE _{LCh}	65, 85.256, 323.338
Y _{xy}	34.4347, 0.3016, 0.1859
Android (android.graphics.Color)	4293421819 (0xFFE86AFB)
YUV	160.2040, 44.7624, 62.9651
Hunter-Lab	58.6811, 67.2638, -54.8774

Details

The YIQ color **160.2040, 28.5510, 71.8070** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **196.7960, -28.5510, -71.8070**, and the grayscale version is **160.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **200.9960, 25.3000, 48.1160**, and **100.8450, 28.1840, 72.9520** is the 20% darker color. If you saturate the color by 10%, you get **144.6320, 33.6380, 84.2460**, and if you desaturate by 10%, it is **175.7760, 23.4640, 59.3680**.

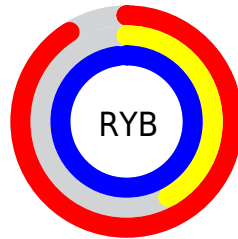
Distribution



Red (91%)

Green (42%)

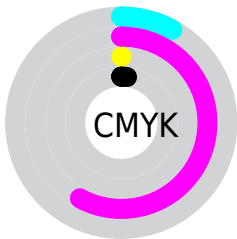
Blue (98%)



Red (91%)

Yellow (42%)

Blue (98%)

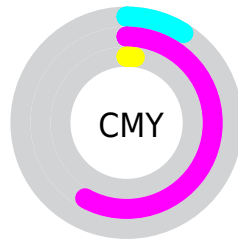


Cyan (8%)

Magenta (58%)

Yellow (0%)

Black (2%)



Cyan (9%)


Magenta (58%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 160.2040, 28.5510, 71.8070 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 160.2040, 28.5510, 71.8070 by changing the saturation by 10% instead.

 160.2040, 28.5510,
71.8070


 160.2040, 28.5510,
71.8070


255.0000, -0.0000,
-0.0000

 130.9050, 27.9550,
71.5950


 200.9960, 25.3000,
48.1160


 100.8450, 28.1840,
72.9520


 218.0190, 17.3250,
32.9490


 62.2790, 33.1340,
82.3660

 235.0420, 9.3500,
17.7820

 50.5300, 24.5170,
67.8210

 252.6520, 1.1000,
2.0920

 39.1940, 16.1750,
53.7990

 28.2710, 8.1080,
40.3000

 17.4620, -0.2800,

27.1120

■ 4.5600, -12.8400,
12.4400

■ 2.6390, -6.0530,
5.0750

■ 160.2040, 28.5510,
71.8070

■ 160.2040, 28.5510,
71.8070

■ 144.6320, 33.6380,
84.2460

■ 175.7760, 23.4640,
59.3680

■ 129.0600, 38.7250,
96.6850

■ 191.6470, 18.9730,
47.1410

■ 113.1890, 43.2160,
108.9120

■ 207.2190, 13.8860,
34.7020

■ 97.6170, 48.3030,
121.3510

■ 222.7910, 8.7990,
22.2630

93.7960, 49.3570,
124.2770

238.3630, 3.7120,
9.8240

253.6470, -0.5040,
-1.8800

254.5440, 1.2840,
-1.2440

Harmonies

Analogous

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



148.2600, -55.2530, 26.6910



160.2040, 28.5510, 71.8070



136.5670, 75.8210, 74.1650

Triad

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



160.2040, 28.5510, 71.8070



148.7580, 81.2050, -34.4670



137.4420, -122.4570, -32.9290

Complementary

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



160.2040, 28.5510, 71.8070



196.7960, -28.5510, -71.8070

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.



127.8490, -96.8230, -56.9750



160.2040, 28.5510, 71.8070



141.0300, 32.5640, -61.5480

Square

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



160.2040, 28.5510, 71.8070



146.7140, 112.0090, 2.0010



115.2070, -69.4930, -78.7170



138.8390, -133.2800, -18.4960

Rectangle

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



160.2040, 28.5510, 71.8070



130.1660, 92.4670, 58.8270



115.2070, -69.4930, -78.7170



134.5920, -114.4320, -40.7040

Sweetspot

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



160.2040, 28.5510, 71.8070



227.9650, 8.2490, 21.2170



133.6830, -51.7700, 35.1580



111.5420, 4.7660, 12.7500



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.



160.2040, 28.5510, 71.8070



144.8110, 34.6920, 87.1720



159.8430, 56.8880, 59.3520



116.7710, 2.3830, 6.3750



70.5820, 37.0750, 93.5470



22.8010, 12.0070, 30.2070

Inverse Universe

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



151.5210, 80.3210, 36.6490



134.2460, 97.5130, 44.4650



197.1570, -56.8880, -59.3520



116.1150, 7.1060, 3.3780



59.3610, 104.6190, 47.8430



19.1510, 33.7880, 15.4200

Previews

White Background



This preview shows how the YIQ color 160.2040, 28.5510, 71.8070 looks on a white background.

Color Contrast Check

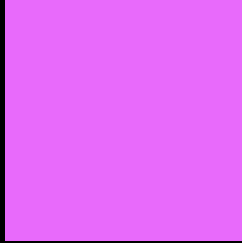
Large Text (above 18pt) WCAG AA × Fail

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 160.2040, 28.5510, 71.8070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

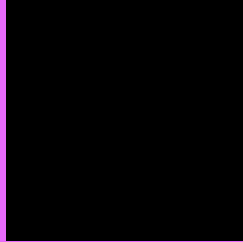
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 160.2040, 28.5510, 71.8070

Background



This preview shows how black text looks on a background with the YIQ color 160.2040, 28.5510, 71.8070.



This preview shows how white text looks on a background with the YIQ color 160.2040, 28.5510,

71.8070.

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

160.2040, 28.5510, 71.8070

Protanopia

156.2230, -53.8310, 22.9450

Deuteranopia

155.9150, -50.2080, 17.8560



Tritanopia

160.9570, 46.2580, 20.7060

Trichromacy



Original Color

160.2040, 28.5510, 71.8070



Protanomaly

157.8020, -24.1240, 40.7400



Deuteranomaly

157.3630, -21.5100, 37.4180



Tritanomaly

160.4410, 39.7440, 39.6480

Monochromacy



Original Color

160.2040, 28.5510, 71.8070



Achromatopsia

160.0000, 0.0000, -0.0000



Achromatomaly

159.7960, 10.4030, 26.2350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 160.2040, 28.5510, 71.8070 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(232, 106, 251)` looks like.

```
.text, #text, p{  
    color:rgb(232, 106, 251)  
}
```

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(232, 106, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 106, 251) }
```

Border

The CSS property to change the border of an element to YIQ 160.2040, 28.5510, 71.8070 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(232, 106, 251) }
```


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

```
.border{ border-color:rgb(232, 106, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 106, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 106, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 106, 251);  
box-shadow:4px 4px 4px 4px rgb(232, 106,  
251) }
```

Background

The CSS property to change the background color of an element to YIQ 160.2040, 28.5510, 71.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 106, 251) }
```

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

```
.background{ background-color: rgb(232,  
106, 251) }
```

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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