

Converting Colors

YIQ(133.3570, 41.6620, 81.9980)

Have a look what the booklet for
YIQ(133.3570, 41.6620, 81.9980)
contains.

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Color

**YIQ(133.3570, 41.6620,
81.9980)**

Conversions

Conversions Part 1

Format	Color
Hex	E045E3
RGB	224, 69, 227
RGB Percent	88%, 27%, 89%
CMY	0.1211, 0.7296, 0.1098
CMYK	0.01, 0.70, 0.00, 0.11
HSL	299°, 74%, 58%
HSV	299°, 70%, 89%
XYZ	46.7682, 25.6613, 75.1691
YIQ	133.3570, 41.6620, 81.9980

Conversions

Conversions Part 2

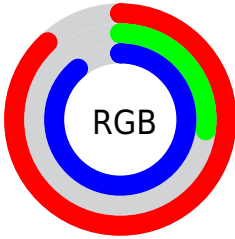
Format	Color
R_{YB}	224, 69, 227
Decimal	14697955
CIE _{Lab}	57.71, 77.00, -49.67
CIE _{LCh}	58, 91.633, 327.177
Yxy	25.6613, 0.3169, 0.1739
Android (android.graphics.Color)	4292888035 (0xFFE045E3)
YUV	133.3570, 46.1660, 79.4939
Hunter-Lab	50.6570, 76.1475, -52.5197

Details

The YIQ color **133.3570, 41.6620, 81.9980** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **162.6430, -41.6620, -81.9980**, 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 **68.8290, 43.4490, 88.1610** is the 20% darker color. If you saturate the color by 10%, you get **119.8560, 47.9870, 94.0270**, and if you desaturate by 10%, it is **147.1570, 35.9330, 70.1810**.

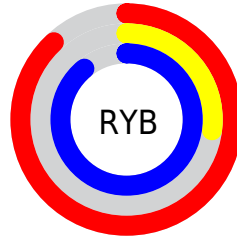
Distribution



Red (88%)

Green (27%)

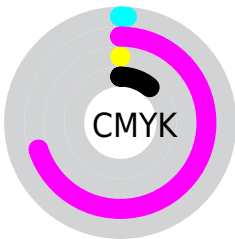
Blue (89%)



Red (88%)

Yellow (27%)

Blue (89%)

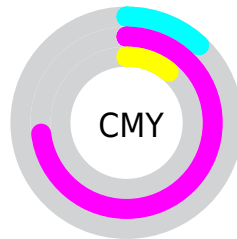


Cyan (1%)

Magenta (70%)

Yellow (0%)

Black (11%)



Cyan (12%)


Magenta (73%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 133.3570, 41.6620, 81.9980 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 133.3570, 41.6620, 81.9980 by changing the saturation by 10% instead.


 133.3570, 41.6620,
81.9980


 133.3570, 41.6620,
81.9980


255.0000, -0.0000,
-0.0000


 98.8890, 43.2200,
86.8040


 181.6250, 34.3750,
65.3750


 68.8290, 43.4490,
88.1610


 198.6480, 26.4000,
50.2080


 57.0800, 34.8320,
73.6160

 216.2580, 18.1500,
34.5180

 45.4450, 25.8940,
59.3820

 233.2810, 10.1750,
19.3510

 34.1090, 17.5520,
45.3600

 250.8910, 1.9250,
3.6610

 23.5990, 9.7600,
32.3840

 10.9960, -2.2040,

17.9240

■ 3.2090, -7.6580,
6.6300

■ 0.0000, 0.0000,
0.0000

■ 133.3570, 41.6620,
81.9980

■ 133.3570, 41.6620,
81.9980

■ 119.8560, 47.9870,
94.0270

■ 147.1570, 35.9330,
70.1810

■ 106.6430, 53.4410,
105.3210


■ 160.0710, 29.8830,
58.6750


■ 93.1420, 59.7660,
117.3500

■ 173.5720, 23.5580,
46.6460

■ 92.5550, 60.0410,
117.8730

■ 187.3720, 17.8290,
34.8290

 200.2860, 11.7790,
23.3230

 214.0860, 6.0500,
11.5060

 227.5870, -0.2750,
-0.5230

 241.0880, -6.6000,
-12.5520

 243.7350, -7.1040,
-14.4320

Harmonies

Analogous

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



130.8940, -53.7420, 37.8580



133.3570, 41.6620, 81.9980



93.3450, 103.8300, 100.7100

Triad

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



133.3570, 41.6620, 81.9980



130.3960, 67.7250, -32.4590



124.9040, -114.7100, -24.6460

Complementary

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



133.3570, 41.6620, 81.9980



162.6430, -41.6620, -81.9980

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.



114.9690, -88.1130, -49.6250



133.3570, 41.6620, 81.9980



119.6890, 14.5910, -60.7130

Square

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



133.3570, 41.6620, 81.9980



126.3180, 113.0640, -0.6000



101.8880, -58.1690, -74.6890



127.0990, -127.7800, -8.0360

Rectangle

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



133.3570, 41.6620, 81.9980



87.3030, 120.8430, 84.2270



101.8880, -58.1690, -74.6890



121.9400, -106.3640, -32.7320

Sweetspot

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



133.3570, 41.6620, 81.9980



223.0030, 14.2540, 28.0300



89.9470, -52.0930, 46.5230



108.9170, 8.2040, 16.5240



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.



133.3570, 41.6620, 81.9980



128.1860, 56.4660, 111.0740



125.8180, 67.2040, 59.6200



107.9560, 3.3000, 6.2760



72.7310, 46.8410, 92.7690



20.7640, 13.4290, 26.4610

Inverse Universe

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



116.5840, 93.2050, 34.4290



105.4420, 126.2600, 46.6120



170.1820, -67.2040, -59.6200



106.5880, 7.1520, 2.5440



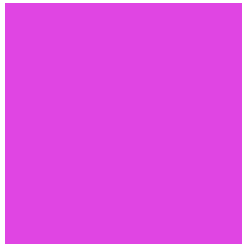
53.8630, 105.7210, 38.8810



15.3630, 30.0750, 11.1230

Previews

White Background



This preview shows how the YIQ color 133.3570, 41.6620, 81.9980 looks on a white background.

Color Contrast Check

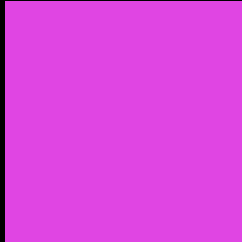
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.3570, 41.6620, 81.9980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

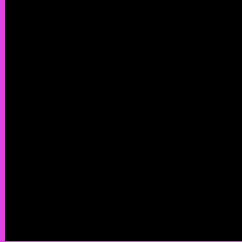
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 133.3570, 41.6620, 81.9980

Background



This preview shows how black text looks on a background with the YIQ color 133.3570, 41.6620, 81.9980.



This preview shows how white text looks on a background with the YIQ color 133.3570, 41.6620,

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

133.3570, 41.6620, 81.9980

Protanopia

131.3380, -73.0880, 25.0240

Deuteranopia

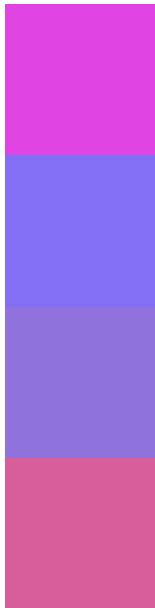
135.8180, -48.5570, 15.4670



Tritanopia

138.8940, 59.7370, 24.2250

Trichromacy



Original Color

133.3570, 41.6620, 81.9980

Protanomaly

131.9570, -31.6900, 45.7020

Deuteranomaly

135.0540, -16.1460, 39.3260

Tritanomaly

136.8450, 53.4060, 45.3580

Monochromacy



Original Color

133.3570, 41.6620, 81.9980

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

133.2420, 15.0790, 29.5990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 133.3570, 41.6620, 81.9980 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(224, 69, 227)` looks like.

```
.text, #text, p{  
    color:rgb(224, 69, 227)  
}
```

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(224, 69, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 69, 227) }
```

Border

The CSS property to change the border of an element to YIQ 133.3570, 41.6620, 81.9980 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(224, 69, 227) }
```


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

```
.border{ border-color:rgb(224, 69, 227) }
```

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

Here you see how a box with a 4 pixel rgb(224, 69, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 69, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 69, 227);  
box-shadow:4px 4px 4px 4px rgb(224, 69,  
227) }
```

Background

The CSS property to change the background color of an element to YIQ 133.3570, 41.6620, 81.9980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 69, 227) }
```

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

```
.background{ background-color: rgb(224, 69,  
227) }
```

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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