

Converting Colors

YIQ(137.9100, 46.7540, 66.8020)

Have a look what the booklet for
YIQ(137.9100, 46.7540, 66.8020)
contains.

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Color

**YIQ(137.9100, 46.7540,
66.8020)**

Conversions

Conversions Part 1

Format	Color
Hex	E052C8
RGB	224, 82, 200
RGB Percent	88%, 32%, 78%
CMY	0.1212, 0.6786, 0.2156
CMYK	0.00, 0.63, 0.11, 0.12
HSL	310°, 70%, 60%
HSV	310°, 63%, 88%
XYZ	44.2139, 26.0609, 57.3582
YIQ	137.9100, 46.7540, 66.8020

Conversions

Conversions Part 2

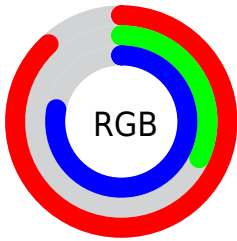
Format	Color
R_{YB}	224, 82, 200
Decimal	14701256
CIE _{Lab}	58.09, 68.04, -33.78
CIE _{LCh}	58, 75.963, 333.600
Yxy	26.0609, 0.3464, 0.2042
Android (android.graphics.Color)	4292891336 (0xFFE052C8)
YUV	137.9100, 30.6104, 75.5009
Hunter-Lab	51.0499, 65.2601, -30.8816

Details

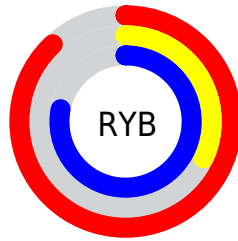
The YIQ color **137.9100, 46.7540, 66.8020** is a light color, and the websafe version is hex **FF66CC**. The color can be described as light muted magenta. A complement of this color would be **168.0900, -46.7540, -66.8020**, and the grayscale version is **138.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **187.4950, 31.6250, 60.1450**, and **67.1530, 50.9240, 79.3400** is the 20% darker color. If you saturate the color by 10%, you get **124.5400, 54.0880, 77.0640**, and if you desaturate by 10%, it is **151.2800, 39.4200, 56.5400**.

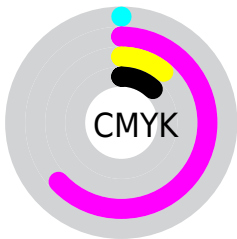
Distribution



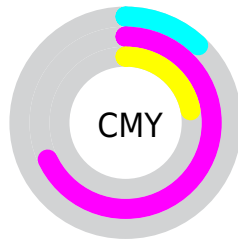
- Red (88%)
- Green (32%)
- Blue (78%)



- Red (88%)
- Yellow (32%)
- Blue (78%)



- Cyan (0%)
- Magenta (63%)
- Yellow (11%)
- Black (12%)



- Cyan (12%)
- Magenta (68%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.9100, 46.7540, 66.8020 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 137.9100, 46.7540, 66.8020 by changing the saturation by 10% instead.

137.9100, 46.7540,
66.8020

137.9100, 46.7540,
66.8020

255.0000, -0.0000,
-0.0000

107.8500, 46.9830,
68.1590

187.4950, 31.6250,
60.1450

67.1530, 50.9240,
79.3400

203.9310, 23.9250,
45.5010

54.6430, 43.1320,
66.3640

220.9540, 15.9500,
30.3340

43.3070, 34.7900,
52.3420

238.5640, 7.7000,
14.6440

32.1990, 25.8060,
38.9420

22.2160, 17.9680,
26.8000

9.7270, 5.6830,

12.6510

■ 0.0000, 0.0000,
0.0000

■ 137.9100, 46.7540,
66.8020

■ 137.9100, 46.7540,
66.8020

■ 124.5400, 54.0880,
77.0640

■ 151.2800, 39.4200,
56.5400

■ 110.5830, 61.6970,
87.8490

■ 165.2370, 31.8110,
45.7550

■ 97.3270, 68.7100,
98.4220

■ 178.4930, 24.7980,
35.1820

■ 88.1800, 73.7980,
105.3340

■ 192.4500, 17.1890,
24.3970

■ 205.8200, 9.8550,
14.1350

■ 219.1900, 2.5210,
3.8730

■ 233.1470, -5.0880,
-6.9120

■ 242.8810,
-10.4510, -14.3470

■ 243.3370,
-11.7350, -13.1030

Harmonies

Analogous

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



141.6480, -26.3260, 47.6100



137.9100, 46.7540, 66.8020



126.5560, 91.5490, 64.4530

Triad

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



137.9100, 46.7540, 66.8020



130.3190, 57.4560, -39.0880



122.7840, -114.2520, -21.9320

Complementary

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



137.9100, 46.7540, 66.8020



168.0900, -46.7540, -66.8020

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.



115.8470, -93.3410, -42.9810



137.9100, 46.7540, 66.8020



119.0800, 11.9320, -62.0840

Square

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



137.9100, 46.7540, 66.8020



130.3170, 96.4690, -13.7310



105.5190, -69.7710, -62.6590



124.1640, -126.4050, -5.4210

Rectangle

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



137.9100, 46.7540, 66.8020



127.4100, 102.9230, 45.5390



105.5190, -69.7710, -62.6590



120.9770, -107.7860, -28.9860

Sweetspot

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



137.9100, 46.7540, 66.8020



225.9120, 15.7680, 22.6160



105.3640, -31.2780, 49.2500



109.8200, 9.8550, 14.1350



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.



137.9100, 46.7540, 66.8020



137.3600, 63.9430, 91.1990



129.8160, 69.5450, 44.7210



105.3150, 3.6670, 5.1310



69.2680, 58.0300, 82.7180



18.9120, 15.7680, 22.6160

Inverse Universe

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



137.9100, 46.7540, 66.8020



137.3600, 63.9430, 91.1990



176.1840, -69.5450, -44.7210



105.3150, 3.6670, 5.1310



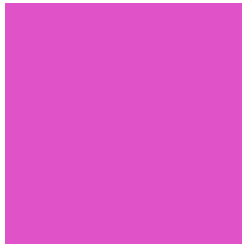
69.2680, 58.0300, 82.7180



18.9120, 15.7680, 22.6160

Previews

White Background



This preview shows how the YIQ color 137.9100, 46.7540, 66.8020 looks on a white background.

Color Contrast Check

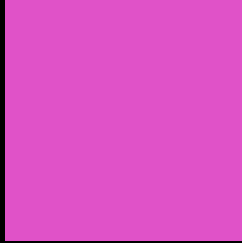
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.9100, 46.7540, 66.8020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

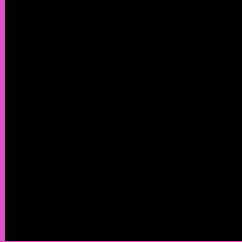
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.9100, 46.7540, 66.8020

Background



This preview shows how black text looks on a background with the YIQ color 137.9100, 46.7540, 66.8020.



This preview shows how white text looks on a background with the YIQ color 137.9100, 46.7540,

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

137.9100, 46.7540, 66.8020

Protanopia

134.7860, -62.7260, 24.4580

Deuteranopia

139.8560, -25.3570, 13.5150



Tritanopia

139.3890, 62.7170, 25.2850

Trichromacy



Original Color

137.9100, 46.7540, 66.8020



Protanomaly

135.7590, -22.5650, 40.0190



Deuteranomaly

139.2220, 0.6360, 32.5400



Tritanomaly

138.6510, 56.7080, 40.5800

Monochromacy



Original Color

137.9100, 46.7540, 66.8020



Achromatopsia

138.0000, -0.0000, -0.0000



Achromatomaly

138.1510, 16.5930, 24.1850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.9100, 46.7540, 66.8020 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, 82, 200)` looks like.

```
.text, #text, p{  
    color:rgb(224, 82, 200)  
}
```

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, 82, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 82, 200) }
```

Border

The CSS property to change the border of an element to YIQ 137.9100, 46.7540, 66.8020 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, 82, 200) }
```


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

```
.border{ border-color:rgb(224, 82, 200) }
```

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

Here you see how a box with a 4 pixel rgb(224, 82, 200) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 82, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 82, 200);  
box-shadow:4px 4px 4px 4px rgb(224, 82,  
200) }
```

Background

The CSS property to change the background color of an element to YIQ 137.9100, 46.7540, 66.8020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 82, 200) }
```

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

```
.background{ background-color: rgb(224, 82,  
200) }
```

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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