

Converting Colors

YIQ(137.5460, 52.8100, 45.1460)

Have a look what the booklet for
YIQ(137.5460, 52.8100, 45.1460)
contains.

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Color

**YIQ(137.5460, 52.8100,
45.1460)**

Conversions

Conversions Part 1

Format	Color
Hex	D85E9C
RGB	216, 94, 156
RGB Percent	85%, 37%, 61%
CMY	0.1526, 0.6315, 0.3881
CMYK	0.00, 0.57, 0.28, 0.15
HSL	329°, 61%, 61%
HSV	329°, 57%, 85%
XYZ	38.3461, 25.0097, 34.2771
YIQ	137.5460, 52.8100, 45.1460

Conversions

Conversions Part 2

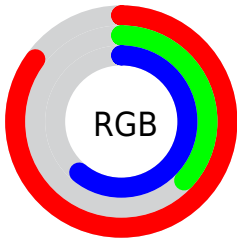
Format	Color
R _Y B	216, 94, 156
Decimal	14179996
CIE Lab	57.08, 54.44, -10.05
CIE LCh	57, 55.355, 349.544
Yxy	25.0097, 0.3928, 0.2562
Android (android.graphics.Color)	4292370076 (0xFFD85E9C)
YUV	137.5460, 9.0978, 68.8042
Hunter-Lab	50.0097, 49.3519, -5.6311

Details

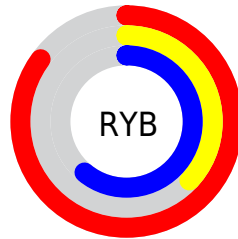
The YIQ color **137.5460, 52.8100, 45.1460** is a light color, and the websafe version is hex **CC6699**. The color can be described as light muted rose. A complement of this color would be **172.4540, -52.8100, -45.1460**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **187.6480, 43.5950, 41.4430**, and **80.9310, 50.2880, 46.8000** is the 20% darker color. If you saturate the color by 10%, you get **123.3780, 62.3910, 53.2310**, and if you desaturate by 10%, it is **151.7140, 43.2290, 37.0610**.

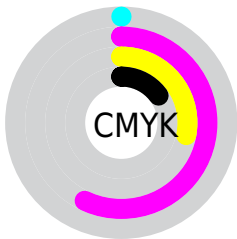
Distribution



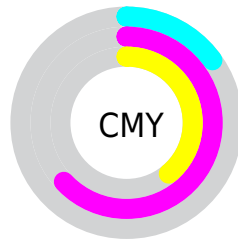
- Red (85%)
- Green (37%)
- Blue (61%)



- Red (85%)
- Yellow (37%)
- Blue (61%)



- Cyan (0%)
- Magenta (57%)
- Yellow (28%)
- Black (15%)




- Cyan (15%)
- Magenta (63%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.5460, 52.8100, 45.1460 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 137.5460, 52.8100, 45.1460 by changing the saturation by 10% instead.


 137.5460, 52.8100,
45.1460


 137.5460, 52.8100,
45.1460


255.0000, -0.0000,
-0.0000


 109.4750, 51.5720,
45.5560


 187.7620, 43.2740,
41.7540


 80.9310, 50.2880,
46.8000


 207.3900, 26.5860,
35.8180


 48.1040, 51.4790,
52.7510

 226.2370, 13.4750,
25.6270

 37.1100, 42.1740,
39.6620

 243.2600, 5.5000,
10.4600

 26.5290, 33.1440,
27.0960

 16.5460, 25.3060,
14.9540

 0.0000, 0.0000,

0.0000

■ 137.5460, 52.8100,
45.1460

■ 137.5460, 52.8100,
45.1460

■ 123.3780, 62.3910,
53.2310

■ 151.7140, 43.2290,
37.0610

■ 109.9110, 71.3760,
61.1040

■ 165.1810, 34.2440,
29.1880

■ 95.7430, 80.9570,
69.1890

■ 179.3490, 24.6630,
21.1030

■ 82.2760, 89.9420,
77.0620

■ 192.9300, 15.3570,
13.5410

■ 77.1240, 93.4260,
80.0020

■ 206.9840, 6.0970,
5.1450

■ 221.1520, -3.4840,
-2.9400

■ 234.6190,
-12.4690, -10.8130

■ 241.7430,
-18.7500, -12.6220

■ 242.9970,
-22.2810, -9.2010

Harmonies

Analogous

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



141.4780, 11.9590, 42.0950



137.5460, 52.8100, 45.1460



134.7650, 73.5820, 32.1260

Triad

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



137.5460, 52.8100, 45.1460



128.1000, 27.5160, -36.1320



116.0990, -110.5850, -16.8010

Complementary

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



137.5460, 52.8100, 45.1460



172.4540, -52.8100, -45.1460

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.



113.0720, -97.9280, -31.4320



137.5460, 52.8100, 45.1460



120.3190, -21.6330, -42.9850

Square

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



137.5460, 52.8100, 45.1460



132.5220, 59.1030, -19.3690



106.7850, -81.6030, -46.4590



112.7370, -114.8970, -4.7290

Rectangle

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



137.5460, 52.8100, 45.1460



134.2360, 75.9690, 16.3930



106.7850, -81.6030, -46.4590



115.2040, -106.6870, -21.3670

Sweetspot

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



137.5460, 52.8100, 45.1460



227.3650, 18.5660, 15.9580



125.5490, -3.9980, 50.4500



111.2560, 11.3230, 9.5550



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.



137.5460, 52.8100, 45.1460



143.7590, 74.8600, 64.0440



130.7060, 72.0700, 26.4860



99.9730, 4.6300, 4.1980



61.0470, 73.9890, 63.3090



15.3650, 18.5660, 15.9580

Inverse Universe

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



137.5460, 52.8100, 45.1460



143.7590, 74.8600, 64.0440



179.2940, -72.0700, -26.4860



99.9730, 4.6300, 4.1980



61.0470, 73.9890, 63.3090



15.3650, 18.5660, 15.9580

Previews

White Background



This preview shows how the YIQ color 137.5460, 52.8100, 45.1460 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 137.5460, 52.8100, 45.1460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

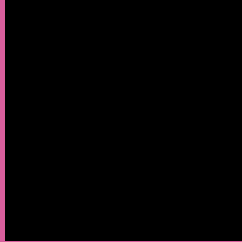
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.5460, 52.8100, 45.1460

Background



This preview shows how black text looks on a background with the YIQ color 137.5460, 52.8100, 45.1460.



This preview shows how white text looks on a background with the YIQ color 137.5460, 52.8100,

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

137.5460, 52.8100, 45.1460

Protanopia

137.9980, -22.8810, 12.6950

Deuteranopia

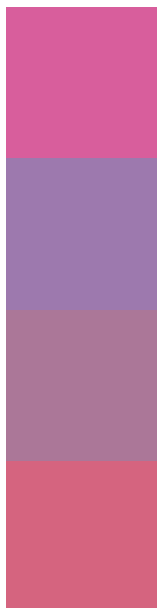
139.1130, 1.4200, 7.3080



Tritanopia

137.0900, 62.1210, 25.0730

Trichromacy



Original Color

137.5460, 52.8100, 45.1460

Protanomaly

137.8060, 4.4430, 24.1150

Deuteranomaly

138.3100, 20.3990, 21.2870

Tritanomaly

136.8650, 58.6810, 32.3530

Monochromacy



Original Color

137.5460, 52.8100, 45.1460

Achromatopsia

138.0000, -0.0000, -0.0000

Achromatomaly

137.7780, 18.8410, 16.4810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.5460, 52.8100, 45.1460 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(216, 94, 156)` looks like.

```
.text, #text, p{  
    color:rgb(216, 94, 156)  
}
```

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(216, 94, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 94, 156) }
```

Border

The CSS property to change the border of an element to YIQ 137.5460, 52.8100, 45.1460 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(216, 94, 156) }
```


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

```
.border{ border-color:rgb(216, 94, 156) }
```

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

Here you see how a box with a 4 pixel rgb(216, 94, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 94, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 94, 156);  
box-shadow:4px 4px 4px 4px rgb(216, 94,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 137.5460, 52.8100, 45.1460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 94, 156) }
```

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

```
.background{ background-color: rgb(216, 94,  
156) }
```

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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