

Converting Colors

YIQ(136.3290, 45.7510, 35.4070)

Have a look what the booklet for
YIQ(136.3290, 45.7510, 35.4070)
contains.

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Color

**YIQ(136.3290, 45.7510,
35.4070)**

Conversions

Conversions Part 1

Format	Color
Hex	CA6592
RGB	202, 101, 146
RGB Percent	79%, 40%, 57%
CMY	0.2076, 0.6041, 0.4273
CMYK	0.00, 0.50, 0.28, 0.21
HSL	333°, 49%, 59%
HSV	333°, 50%, 79%
XYZ	34.2164, 23.9417, 30.0272
YIQ	136.3290, 45.7510, 35.4070

Conversions

Conversions Part 2

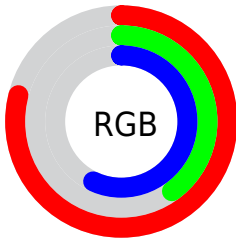
Format	Color
R _Y B	202, 101, 146
Decimal	13264274
CIE Lab	56.03, 45.22, -5.99
CIE LCh	56, 45.611, 352.450
Yxy	23.9417, 0.3880, 0.2715
Android (android.graphics.Color)	4291454354 (0xFFCA6592)
YUV	136.3290, 4.7678, 57.5935
Hunter-Lab	48.9303, 39.1951, -2.1335

Details

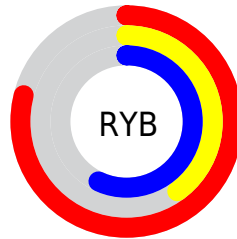
The YIQ color **136.3290, 45.7510, 35.4070** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **166.6710, -45.7510, -35.4070**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.0300, 45.1550, 35.1950**, and **82.4750, 42.4040, 35.4920** is the 20% darker color. If you saturate the color by 10%, you get **123.3350, 54.7820, 42.4460**, and if you desaturate by 10%, it is **149.3230, 36.7200, 28.3680**.

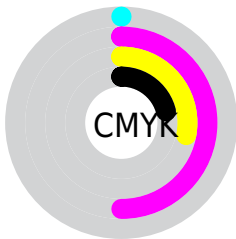
Distribution



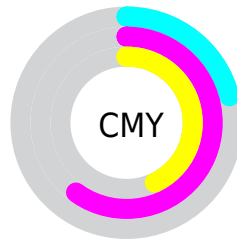
- Red (79%)
- Green (40%)
- Blue (57%)



- Red (79%)
- Yellow (40%)
- Blue (57%)



- Cyan (0%)
- Magenta (50%)
- Yellow (28%)
- Black (21%)




- Cyan (21%)
- Magenta (60%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.3290, 45.7510, 35.4070 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 136.3290, 45.7510, 35.4070 by changing the saturation by 10% instead.


 136.3290, 45.7510,
35.4070


 136.3290, 45.7510,
35.4070


255.0000, -0.0000,
-0.0000


 109.4320, 43.9630,
34.7710


 190.0300, 45.1550,
35.1950


 82.4750, 42.4040,
35.4920


 209.0710, 28.7420,
29.7820


 54.6430, 41.9910,
37.4710

 229.1720, 12.1000,
23.0120

 32.9090, 38.1860,
34.8420

 246.1950, 4.1250,
7.8450

 22.4420, 28.8350,
22.5870

 12.3730, 24.1150,
9.0030

 0.0000, 0.0000,

0.0000

■ 136.3290, 45.7510,
35.4070

■ 136.3290, 45.7510,
35.4070

■ 123.3350, 54.7820,
42.4460

■ 149.3230, 36.7200,
28.3680

■ 110.3410, 63.8130,
49.4850

■ 162.3170, 27.6890,
21.3290

■ 96.6460, 73.4400,
56.7360

■ 176.0120, 18.0620,
14.0780

■ 83.6520, 82.4710,
63.7750

■ 189.0060, 9.0310,
7.0390

■ 70.6580, 91.5020,
70.8140

■ 202.0000, -0.0000,
0.0000

■ 214.9940, -9.0310,
-7.0390

■ 227.9880,
-18.0620, -14.0780

■ 236.9870,
-25.4890, -17.1450

■ 238.2410,
-29.0200, -13.7240

Harmonies

Analogous

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



138.3330, 13.5650, 35.0130



136.3290, 45.7510, 35.4070



134.1500, 61.8920, 23.7160

Triad

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



136.3290, 45.7510, 35.4070



127.5370, 19.2160, -28.8800



110.3940, -104.1660, -17.4940

Complementary

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



136.3290, 45.7510, 35.4070



166.6710, -45.7510, -35.4070

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.



108.9800, -94.6730, -29.8490



136.3290, 45.7510, 35.4070



120.9590, -20.2590, -34.8430

Square

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



136.3290, 45.7510, 35.4070



131.3990, 46.4480, -15.7920



104.4200, -81.8330, -42.2890



107.6360, -107.4230, -8.0230

Rectangle

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



136.3290, 45.7510, 35.4070



133.5440, 63.1780, 11.4180



104.4200, -81.8330, -42.2890



110.5420, -101.8270, -21.3390

Sweetspot

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



136.3290, 45.7510, 35.4070



230.3000, 17.1910, 13.3430



129.2580, 0.9550, 43.2830



113.0170, 10.4980, 7.9860



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.



136.3290, 45.7510, 35.4070



155.4990, 69.3600, 53.5840



134.1340, 58.8210, 18.7970



95.4460, 4.6760, 3.3640



58.0700, 75.1820, 58.2060



13.3000, 17.1910, 13.3430

Inverse Universe

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



136.3290, 45.7510, 35.4070



155.4990, 69.3600, 53.5840



168.8660, -58.8210, -18.7970



95.4460, 4.6760, 3.3640



58.0700, 75.1820, 58.2060



13.3000, 17.1910, 13.3430

Previews

White Background



This preview shows how the YIQ color 136.3290, 45.7510, 35.4070 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 136.3290, 45.7510, 35.4070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

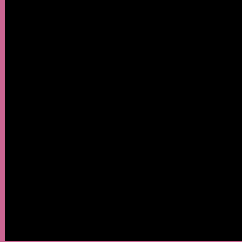
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.3290, 45.7510, 35.4070

Background



This preview shows how black text looks on a background with the YIQ color 136.3290, 45.7510, 35.4070.



This preview shows how white text looks on a background with the YIQ color 136.3290, 45.7510,

35.4070.

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

136.3290, 45.7510, 35.4070

Protanopia

135.0820, -14.4900, 9.3020

Deuteranopia

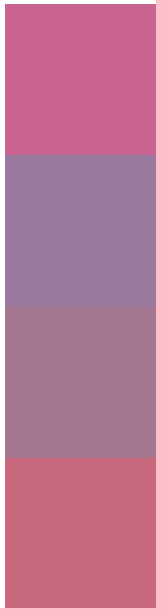
136.3260, 5.1340, 6.0780



Tritanopia

135.4200, 52.2640, 21.9920

Trichromacy



Original Color

136.3290, 45.7510, 35.4070

Protanomaly

135.1990, 7.4700, 18.8140

Deuteranomaly

136.3760, 20.0330, 16.9050

Tritanomaly

135.7990, 49.8790, 26.6710

Monochromacy



Original Color

136.3290, 45.7510, 35.4070

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.0010, 16.5950, 13.1310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.3290, 45.7510, 35.4070 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(202, 101, 146)` looks like.

```
.text, #text, p{  
    color:rgb(202, 101, 146)  
}
```

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(202, 101, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 101, 146) }
```

Border

The CSS property to change the border of an element to YIQ 136.3290, 45.7510, 35.4070 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(202, 101, 146) }
```


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

```
.border{ border-color:rgb(202, 101, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 101, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 101, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 101, 146);  
box-shadow:4px 4px 4px 4px rgb(202, 101,  
146) }
```

Background

The CSS property to change the background color of an element to YIQ 136.3290, 45.7510, 35.4070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 101, 146) }
```

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

```
.background{ background-color: rgb(202,  
101, 146) }
```

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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