

Converting Colors

YIQ(136.6740, 40.7060, 44.2420)

Have a look what the booklet for
YIQ(136.6740, 40.7060, 44.2420)
contains.

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Color

**YIQ(136.6740, 40.7060,
44.2420)**

Conversions

Conversions Part 1

Format	Color
Hex	CB61A7
RGB	203, 97, 167
RGB Percent	80%, 38%, 65%
CMY	0.2036, 0.6198, 0.3450
CMYK	0.00, 0.52, 0.18, 0.20
HSL	320°, 51%, 59%
HSV	320°, 52%, 80%
XYZ	35.8973, 24.0393, 39.3205
YIQ	136.6740, 40.7060, 44.2420

Conversions

Conversions Part 2

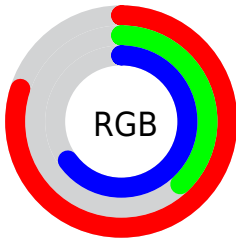
Format	Color
R _Y B	203, 97, 167
Decimal	13328807
CIE Lab	56.13, 50.53, -18.07
CIE LCh	56, 53.659, 340.324
Yxy	24.0393, 0.3617, 0.2422
Android (android.graphics.Color)	4291518887 (0xFFCB61A7)
YUV	136.6740, 14.9507, 58.1679
Hunter-Lab	49.0299, 44.8867, -13.2279

Details

The YIQ color **136.6740, 40.7060, 44.2420** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **163.3260, -40.7060, -44.2420**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.1900, 39.1930, 44.1290**, and **82.0050, 38.2760, 44.2280** is the 20% darker color. If you saturate the color by 10%, you get **124.1360, 48.4530, 52.5250**, and if you desaturate by 10%, it is **149.2120, 32.9590, 35.9590**.

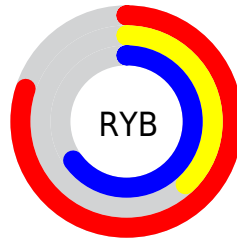
Distribution



Red (80%)

Green (38%)

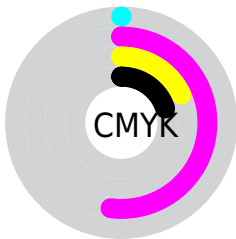
Blue (65%)



Red (80%)

Yellow (38%)

Blue (65%)

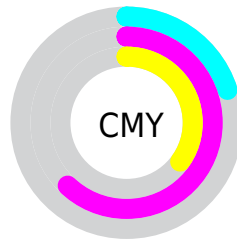


Cyan (0%)

Magenta (52%)

Yellow (18%)

Black (20%)



Cyan (20%)

Magenta (62%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.6740, 40.7060, 44.2420 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 136.6740, 40.7060, 44.2420 by changing the saturation by 10% instead.


 136.6740, 40.7060,
44.2420


 136.6740, 40.7060,
44.2420


255.0000, -0.0000,
-0.0000


 109.1900, 39.1930,
44.1290


 190.1900, 39.1930,
44.1290

 82.0050, 38.2760,
44.2280


 209.9320, 22.1840,
38.5040


 49.3630, 40.3840,
50.0800

 226.8240, 13.2000,
25.1040

 35.1460, 33.3250,
40.3410

 243.8470, 5.2250,
9.9370

 24.7500, 25.2120,
27.6760

 15.2940, 17.3280,
16.3680

 0.0000, 0.0000,

0.0000

■ 136.6740, 40.7060,
44.2420

■ 136.6740, 40.7060,
44.2420

■ 124.1360, 48.4530,
52.5250

■ 149.2120, 32.9590,
35.9590

■ 111.0110, 56.4750,
61.3310

■ 162.3370, 24.9370,
27.1530

■ 98.4730, 64.2220,
69.6140

■ 174.8750, 17.1900,
18.8700

■ 85.9350, 71.9690,
77.8970

■ 187.4130, 9.4430,
10.5870

■ 75.9730, 77.9740,
84.7100

■ 199.9510, 1.6960,
2.3040

■ 212.9620, -6.0050,
-6.8130

■ 225.5000,
-13.7520, -15.0960

■ 235.6900,
-20.3990, -21.2870

■ 236.4880,
-22.6460, -19.1100

Harmonies

Analogous

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



138.2310, -3.5830, 37.4170



136.6740, 40.7060, 44.2420



132.8770, 67.5750, 36.3670

Triad

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



136.6740, 40.7060, 44.2420



127.2370, 37.5560, -30.8600



113.1010, -104.8990, -20.7310

Complementary

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



136.6740, 40.7060, 44.2420



163.3260, -40.7060, -44.2420

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.



109.2590, -91.3250, -35.4610



136.6740, 40.7060, 44.2420



121.9960, -4.4860, -39.8620

Square

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



136.6740, 40.7060, 44.2420



130.9450, 62.5860, -10.9020



102.4990, -75.0460, -49.6540



112.1840, -111.9620, -8.3620

Rectangle

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



136.6740, 40.7060, 44.2420



132.0820, 73.7670, 23.2630



102.4990, -75.0460, -49.6540



112.0920, -100.6800, -25.6080

Sweetspot

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



136.6740, 40.7060, 44.2420



229.3370, 15.7690, 17.0890



119.5490, -13.1660, 40.3860



112.2990, 9.7640, 10.2760



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.



136.6740, 40.7060, 44.2420



154.2230, 61.9300, 67.0980



130.7460, 57.3980, 28.0700



95.7880, 3.7130, 4.2970



62.0600, 63.9470, 69.0910



14.2120, 14.6230, 15.8310

Inverse Universe

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



136.6740, 40.7060, 44.2420



154.2230, 61.9300, 67.0980



169.2540, -57.3980, -28.0700



95.7880, 3.7130, 4.2970



62.0600, 63.9470, 69.0910



14.2120, 14.6230, 15.8310

Previews

White Background



This preview shows how the YIQ color 136.6740, 40.7060, 44.2420 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 136.6740, 40.7060, 44.2420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

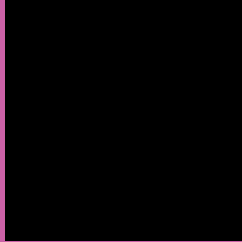
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.6740, 40.7060, 44.2420

Background



This preview shows how black text looks on a background with the YIQ color 136.6740, 40.7060, 44.2420.



This preview shows how white text looks on a background with the YIQ color 136.6740, 40.7060,

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

136.6740, 40.7060, 44.2420

Protanopia

134.8710, -29.7130, 15.3670

Deuteranopia

136.2030, -7.5210, 9.6550



Tritanopia

135.8220, 51.0720, 21.5680

Trichromacy



Original Color

136.6740, 40.7060, 44.2420

Protanomaly

135.6680, -3.8560, 25.8400

Deuteranomaly

136.2750, 10.3120, 22.3760

Tritanomaly

136.2380, 47.2650, 29.9930

Monochromacy



Original Color

136.6740, 40.7060, 44.2420

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.6250, 14.8980, 16.3540

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.6740, 40.7060, 44.2420 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(203, 97, 167)` looks like.

```
.text, #text, p{  
    color:rgb(203, 97, 167)  
}
```

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(203, 97, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 97, 167) }
```

Border

The CSS property to change the border of an element to YIQ 136.6740, 40.7060, 44.2420 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(203, 97, 167) }
```


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

```
.border{ border-color:rgb(203, 97, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 97, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 97, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 97, 167);  
box-shadow:4px 4px 4px 4px rgb(203, 97,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 136.6740, 40.7060, 44.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 97, 167) }
```

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

```
.background{ background-color: rgb(203, 97,  
167) }
```

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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