

Converting Colors

YIQ(136.3420, 35.7090, 41.1890)

Have a look what the booklet for
YIQ(136.3420, 35.7090, 41.1890)
contains.

YIQ(136.3420, 35.7090, 41.1890)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(136.3420, 35.7090,
41.1890)**

Conversions

Conversions Part 1

Format	Color
Hex	C464A7
RGB	196, 100, 167
RGB Percent	77%, 39%, 65%
CMY	0.2311, 0.6080, 0.3450
CMYK	0.00, 0.49, 0.15, 0.23
HSL	318°, 45%, 58%
HSV	318°, 49%, 77%
XYZ	34.3134, 23.6425, 39.3253
YIQ	136.3420, 35.7090, 41.1890

Conversions

Conversions Part 2

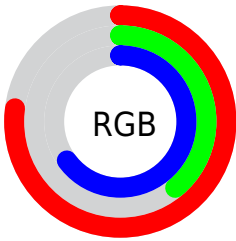
Format	Color
R _Y B	196, 100, 167
Decimal	12870823
CIE Lab	55.73, 46.85, -18.76
CIE LCh	56, 50.467, 338.177
Yxy	23.6425, 0.3527, 0.2430
Android (android.graphics.Color)	4291060903 (0xFFC464A7)
YUV	136.3420, 15.1144, 52.3201
Hunter-Lab	48.6236, 40.8752, -13.9155

Details

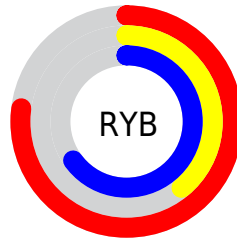
The YIQ color **136.3420, 35.7090, 41.1890** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **159.6580, -35.7090, -41.1890**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **191.6520, 37.7720, 42.3480**, and **82.5590, 33.6000, 40.8640** is the 20% darker color. If you saturate the color by 10%, you get **123.9180, 43.1350, 49.7830**, and if you desaturate by 10%, it is **148.7660, 28.2830, 32.5950**.

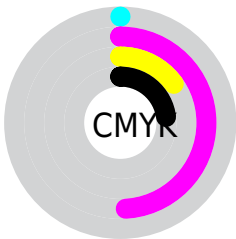
Distribution



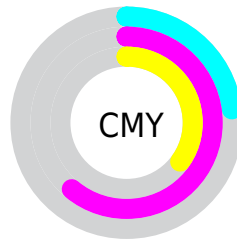
- Red (77%)
- Green (39%)
- Blue (65%)



- Red (77%)
- Yellow (39%)
- Blue (65%)



- Cyan (0%)
- Magenta (49%)
- Yellow (15%)
- Black (23%)




- Cyan (23%)
- Magenta (61%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.3420, 35.7090, 41.1890 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 136.3420, 35.7090, 41.1890 by changing the saturation by 10% instead.


 136.3420, 35.7090,
41.1890


 136.3420, 35.7090,
41.1890


255.0000, -0.0000,
-0.0000


 109.7440, 34.5170,
40.7650


 191.6520, 37.7720,
42.3480


 82.5590, 33.6000,
40.8640


 211.1060, 21.6340,
37.4580


 54.0260, 33.7830,
43.0550

 228.5850, 12.3750,
23.5350

 33.3520, 29.7490,
39.0690

 245.6080, 4.4000,
8.3680

 23.2550, 22.2320,
26.6160

 13.6850, 14.6690,
14.9970

 0.0000, 0.0000,

0.0000

136.3420, 35.7090,
41.1890

136.3420, 35.7090,
41.1890

123.9180, 43.1350,
49.7830

148.7660, 28.2830,
32.5950

112.0810, 50.2860,
57.8540

160.6030, 21.1320,
24.5240

99.6570, 57.7120,
66.4480

173.0270, 13.7060,
15.9300

87.8200, 64.8630,
74.5190

184.8640, 6.5550,
7.8590

75.3960, 72.2890,
83.1130

197.2880, -0.8710,
-0.7350

74.2220, 72.8390,
84.1590

209.7120, -8.2970,
-9.3290

■ 221.5490,
-15.4480, -17.4000

■ 232.6850,
-22.0030, -25.2590

■ 233.3690,
-23.9290, -23.3930

Harmonies

Analogous

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



137.2690, -6.7460, 34.1660



136.3420, 35.7090, 41.1890



133.1860, 62.2110, 34.4590

Triad

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



136.3420, 35.7090, 41.1890



127.4590, 37.0510, -27.2130



111.1290, -102.1020, -21.8620

Complementary

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



136.3420, 35.7090, 41.1890



159.6580, -35.7090, -41.1890

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.



107.5150, -89.1700, -35.9700



136.3420, 35.7090, 41.1890



122.2570, -0.7270, -36.3990

Square

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



136.3420, 35.7090, 41.1890



130.8570, 60.0180, -8.4140



104.0870, -67.8940, -47.1100



110.6850, -109.1190, -10.3270

Rectangle

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



136.3420, 35.7090, 41.1890



131.7440, 68.9070, 23.2350



104.0870, -67.8940, -47.1100



110.2340, -98.2040, -26.4280

Sweetspot

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



136.3420, 35.7090, 41.1890



231.3260, 14.3020, 16.1420



119.6150, -13.5320, 36.0040



113.7010, 8.5720, 9.8520



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.



136.3420, 35.7090, 41.1890



161.8200, 55.6950, 64.4550



130.8700, 51.1170, 26.2610



90.7880, 3.7130, 4.2970



60.9070, 60.0040, 68.9640



12.4890, 12.2850, 14.1490

Inverse Universe

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



136.3420, 35.7090, 41.1890



161.8200, 55.6950, 64.4550



165.1300, -51.1170, -26.2610



90.7880, 3.7130, 4.2970



60.9070, 60.0040, 68.9640



12.4890, 12.2850, 14.1490

Previews

White Background



This preview shows how the YIQ color 136.3420, 35.7090, 41.1890 looks on a white background.

Color Contrast Check

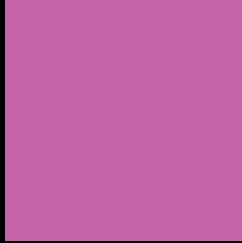
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.3420, 35.7090, 41.1890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

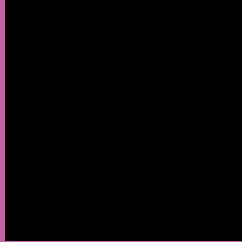
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.3420, 35.7090, 41.1890

Background



This preview shows how black text looks on a background with the YIQ color 136.3420, 35.7090, 41.1890.



This preview shows how white text looks on a background with the YIQ color 136.3420, 35.7090,

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

136.3420, 35.7090, 41.1890

Protanopia

133.9420, -28.4750, 14.9570

Deuteranopia

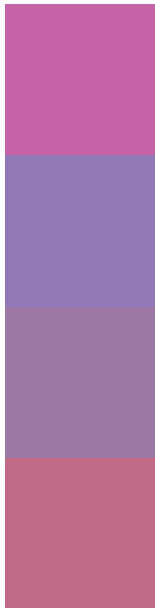
135.1320, -8.7590, 10.0650



Tritanopia

135.2450, 45.3870, 19.9710

Trichromacy



Original Color

136.3420, 35.7090, 41.1890

Protanomaly

134.5430, -5.0020, 24.5820

Deuteranomaly

135.7800, 7.3320, 21.3160

Tritanomaly

135.4330, 42.2220, 27.7740

Monochromacy



Original Color

136.3420, 35.7090, 41.1890

Achromatopsia

136.0000, -0.0000, 0.0000

Achromatomaly

136.2010, 13.1560, 14.8840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.3420, 35.7090, 41.1890 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(196, 100, 167)` looks like.

```
.text, #text, p{  
    color:rgb(196, 100, 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(196, 100, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 100, 167) }
```

Border

The CSS property to change the border of an element to YIQ 136.3420, 35.7090, 41.1890 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(196, 100, 167) }
```


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

```
.border{ border-color:rgb(196, 100, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 100, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 100, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 100, 167);  
box-shadow:4px 4px 4px 4px rgb(196, 100,  
167) }
```

Background

The CSS property to change the background color of an element to YIQ 136.3420, 35.7090, 41.1890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 100, 167) }
```

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

```
.background{ background-color: rgb(196,  
100, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor