

Converting Colors

YIQ(137.3420, 35.7090, 41.1890)

Have a look what the booklet for
YIQ(137.3420, 35.7090, 41.1890)
contains.

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Color

**YIQ(137.3420, 35.7090,
41.1890)**

Conversions

Conversions Part 1

Format	Color
Hex	C565A8
RGB	197, 101, 168
RGB Percent	77%, 40%, 66%
CMY	0.2272, 0.6041, 0.3411
CMYK	0.00, 0.49, 0.15, 0.23
HSL	318°, 45%, 58%
HSV	318°, 49%, 77%
XYZ	34.7638, 24.0072, 39.8586
YIQ	137.3420, 35.7090, 41.1890

Conversions

Conversions Part 2

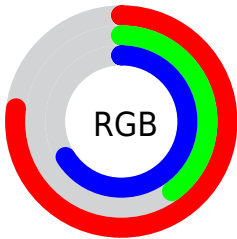
Format	Color
R_{YB}	197, 101, 168
Decimal	12936616
CIE _{Lab}	56.09, 46.82, -18.77
CIE _{LCh}	56, 50.442, 338.155
Yxy	24.0072, 0.3525, 0.2434
Android (android.graphics.Color)	4291126696 (0xFFC565A8)
YUV	137.3420, 15.1144, 52.3201
Hunter-Lab	48.9971, 40.9020, -13.9337

Details

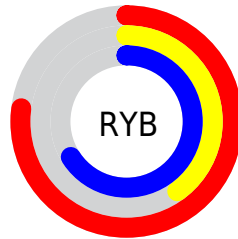
The YIQ color **137.3420, 35.7090, 41.1890** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **160.6580, -35.7090, -41.1890**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.6520, 37.7720, 42.3480**, and **83.5590, 33.6000, 40.8640** is the 20% darker color. If you saturate the color by 10%, you get **124.9180, 43.1350, 49.7830**, and if you desaturate by 10%, it is **149.7660, 28.2830, 32.5950**.

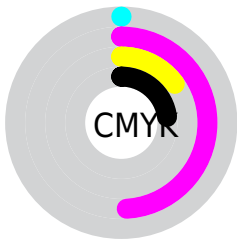
Distribution



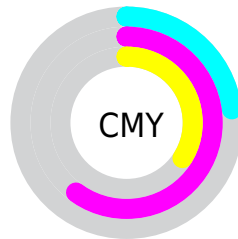
- Red (77%)
- Green (40%)
- Blue (66%)



- Red (77%)
- Yellow (40%)
- Blue (66%)



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





- Cyan (23%)
- Magenta (60%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.3420, 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 137.3420, 35.7090, 41.1890 by changing the saturation by 10% instead.


 137.3420, 35.7090,
41.1890


 137.3420, 35.7090,
41.1890


255.0000, -0.0000,
-0.0000


 110.7440, 34.5170,
40.7650


 192.6520, 37.7720,
42.3480


 83.5590, 33.6000,
40.8640


 211.8070, 21.0380,
37.2460


 55.6130, 33.5080,
42.5320

 229.1720, 12.1000,
23.0120

 33.6510, 30.3450,
39.2810

 246.1950, 4.1250,
7.8450

 23.6680, 22.5070,
27.1390

 14.0980, 14.9440,
15.5200

 0.0000, 0.0000,

0.0000

■ 137.3420, 35.7090,
41.1890

■ 137.3420, 35.7090,
41.1890

■ 124.9180, 43.1350,
49.7830

■ 149.7660, 28.2830,
32.5950

■ 113.0810, 50.2860,
57.8540

■ 161.6030, 21.1320,
24.5240

■ 100.6570, 57.7120,
66.4480

■ 174.0270, 13.7060,
15.9300

■ 88.2330, 65.1380,
75.0420

■ 186.4510, 6.2800,
7.3360

■ 75.8090, 72.5640,
83.6360

■ 198.2880, -0.8710,
-0.7350

■ 74.6350, 73.1140,
84.6820

■ 210.7120, -8.2970,
-9.3290

■ 223.1360,
-15.7230, -17.9230

■ 233.2120,
-22.0490, -24.4250

■ 233.8960,
-23.9750, -22.5590

Harmonies

Analogous

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



138.2690, -6.7460, 34.1660



137.3420, 35.7090, 41.1890



134.1860, 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.



137.3420, 35.7090, 41.1890



128.4590, 37.0510, -27.2130



111.8300, -102.6980, -22.0740

Complementary

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



137.3420, 35.7090, 41.1890



160.6580, -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.



108.2160, -89.7660, -36.1820



137.3420, 35.7090, 41.1890



123.2570, -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.



137.3420, 35.7090, 41.1890



131.2700, 60.2930, -7.8910



105.9840, -66.1060, -46.4740



111.3860, -109.7150, -10.5390

Rectangle

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



137.3420, 35.7090, 41.1890



132.7440, 68.9070, 23.2350



105.9840, -66.1060, -46.4740



110.9350, -98.8000, -26.6400

Sweetspot

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



137.3420, 35.7090, 41.1890



231.3260, 14.3020, 16.1420



120.6150, -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.



137.3420, 35.7090, 41.1890



161.8200, 55.6950, 64.4550



131.8700, 51.1170, 26.2610



93.3750, 3.4380, 3.7740



61.7330, 60.5540, 70.0100



13.6140, 13.4310, 15.4070

Inverse Universe

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



137.3420, 35.7090, 41.1890



161.8200, 55.6950, 64.4550



166.1300, -51.1170, -26.2610



93.3750, 3.4380, 3.7740



61.7330, 60.5540, 70.0100



13.6140, 13.4310, 15.4070

Previews

White Background



This preview shows how the YIQ color 137.3420, 35.7090, 41.1890 looks on a white background.

Color Contrast Check

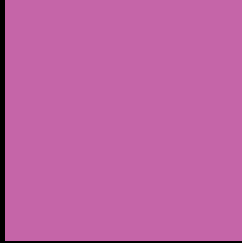
Large Text (above 18pt) WCAG AA ✓ Pass

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 137.3420, 35.7090, 41.1890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

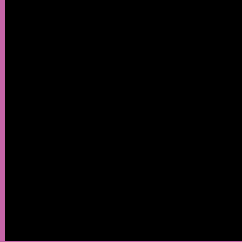
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.3420, 35.7090, 41.1890

Background



This preview shows how black text looks on a background with the YIQ color 137.3420, 35.7090, 41.1890.



This preview shows how white text looks on a background with the YIQ color 137.3420, 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

137.3420, 35.7090, 41.1890

Protanopia

134.9420, -28.4750, 14.9570

Deuteranopia

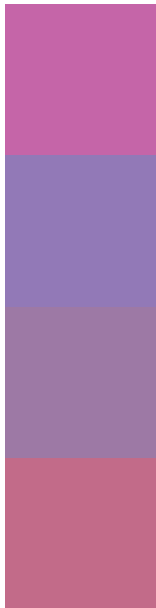
136.1320, -8.7590, 10.0650



Tritanopia

136.2450, 45.3870, 19.9710

Trichromacy



Original Color

137.3420, 35.7090, 41.1890

Protanomaly

135.5430, -5.0020, 24.5820

Deuteranomaly

136.7800, 7.3320, 21.3160

Tritanomaly

136.4330, 42.2220, 27.7740

Monochromacy



Original Color

137.3420, 35.7090, 41.1890

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.2010, 13.1560, 14.8840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.3420, 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(197, 101, 168)` looks like.

```
.text, #text, p{  
    color:rgb(197, 101, 168)  
}
```

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(197, 101, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 101, 168) }
```

Border

The CSS property to change the border of an element to YIQ 137.3420, 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(197, 101, 168) }
```


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

```
.border{ border-color:rgb(197, 101, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 101, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(197, 101, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(197, 101, 168); box-shadow:4px 4px 4px 4px rgb(197, 101, 168) }
```

Background

The CSS property to change the background color of an element to YIQ 137.3420, 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(197, 101, 168) }
```

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

```
.background{ background-color: rgb(197,  
101, 168) }
```

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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