

Converting Colors

YIQ(136.7930, 24.7940, 57.2900)

Have a look what the booklet for
YIQ(136.7930, 24.7940, 57.2900)
contains.

YIQ(136.7930, 24.7940, 57.2900)	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(136.7930, 24.7940,
57.2900)**

Conversions

Conversions Part 1

Format	Color
Hex	C45DCF
RGB	196, 93, 207
RGB Percent	77%, 36%, 81%
CMY	0.2311, 0.6354, 0.1882
CMYK	0.05, 0.55, 0.00, 0.19
HSL	294°, 54%, 59%
HSV	294°, 55%, 81%
XYZ	37.9593, 24.0728, 61.6790
YIQ	136.7930, 24.7940, 57.2900

Conversions

Conversions Part 2

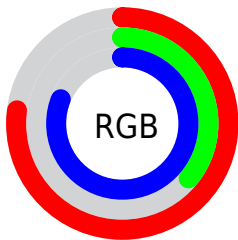
Format	Color
R_{YB}	196, 93, 207
Decimal	12869071
CIE _{Lab}	56.16, 57.17, -41.07
CIE _{LCh}	56, 70.395, 324.310
Yxy	24.0728, 0.3068, 0.1946
Android (android.graphics.Color)	4291059151 (0xFFC45DCF)
YUV	136.7930, 34.6121, 51.9245
Hunter-Lab	49.0641, 52.2375, -40.1892

Details

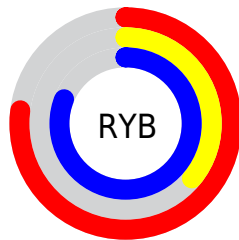
The YIQ color **136.7930, 24.7940, 57.2900** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **163.2070, -24.7940, -57.2900**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.1910, 29.4250, 55.9610**, and **80.6080, 23.8770, 57.3890** is the 20% darker color. If you saturate the color by 10%, you get **123.8680, 29.3770, 67.8490**, and if you desaturate by 10%, it is **149.7180, 20.2110, 46.7310**.

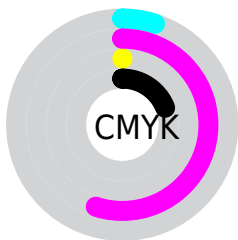
Distribution



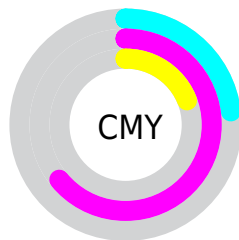
- Red (77%)
- Green (36%)
- Blue (81%)



- Red (77%)
- Yellow (36%)
- Blue (81%)



- Cyan (5%)
- Magenta (55%)
- Yellow (0%)
- Black (19%)





- Cyan (23%)
- Magenta (64%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.7930, 24.7940, 57.2900 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 136.7930, 24.7940, 57.2900 by changing the saturation by 10% instead.


 136.7930, 24.7940,
57.2900


 136.7930, 24.7940,
57.2900


255.0000, -0.0000,
-0.0000


 109.3800, 24.5190,
56.7670


 192.1910, 29.4250,
55.9610


 80.3200, 24.7480,
58.1240


 208.6270, 21.7250,
41.3170

 47.8520, 26.3060,
62.9300

 225.0630, 14.0250,
26.6730

 36.8150, 18.5600,
49.1200

 242.0860, 6.0500,
11.5060

 26.3050, 10.7680,
36.1440

 16.0940, 3.5720,
23.3800

 4.5940, -10.1800,

8.2840

0.0000, 0.0000,
0.0000

136.7930, 24.7940,
57.2900

136.7930, 24.7940,
57.2900

123.8680, 29.3770,
67.8490

149.7180, 20.2110,
46.7310

111.5300, 33.6850,
77.8850

162.0560, 15.9030,
36.6950

98.6050, 38.2680,
88.4440

174.9810, 11.3200,
26.1360

85.6800, 42.8510,
99.0030

187.9060, 6.7370,
15.5770

79.5110, 45.0050,
104.0210

200.2440, 2.4290,
5.5410

■ 213.1690, -2.1540,
-5.0180

■ 226.0940, -6.7370,
-15.5770

■ 236.6710,
-10.2200, -24.0440

■ 237.2690, -9.0280,
-23.6200

Harmonies

Analogous

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



132.6400, -50.2110, 34.4370



136.7930, 24.7940, 57.2900



126.8790, 74.4020, 61.3300

Triad

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



136.7930, 24.7940, 57.2900



126.5640, 67.3120, -30.4800



116.0700, -103.6140, -27.5020

Complementary

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



136.7930, 24.7940, 57.2900



163.2070, -24.7940, -57.2900

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.



108.3010, -83.1160, -46.5720



136.7930, 24.7940, 57.2900



119.7880, 27.7940, -52.1900

Square

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



136.7930, 24.7940, 57.2900



127.8780, 91.0560, 1.7760



98.0700, -61.1970, -63.8610



119.4220, -118.5640, -9.8600

Rectangle

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



136.7930, 24.7940, 57.2900



123.9990, 91.1390, 49.8510



98.0700, -61.1970, -63.8610



113.6760, -96.8730, -34.0330

Sweetspot

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



136.7930, 24.7940, 57.2900



228.5630, 9.4410, 21.6410



112.4530, -39.6190, 29.7010



111.8410, 5.3620, 12.9620



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.



136.7930, 24.7940, 57.2900



151.6000, 36.6640, 84.4720



134.8380, 46.1160, 45.3160



98.2440, 2.4290, 5.5410



64.6000, 36.6640, 84.4720



15.7370, 8.8910, 20.5950

Inverse Universe

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



128.3400, 64.4130, 27.5890



139.0560, 94.9920, 40.5920



165.1620, -46.1160, -45.3160



97.4030, 6.2350, 2.6430



52.0560, 94.9920, 40.5920



12.7150, 23.1520, 9.9360

Previews

White Background



This preview shows how the YIQ color 136.7930, 24.7940, 57.2900 looks on a white background.

Color Contrast Check

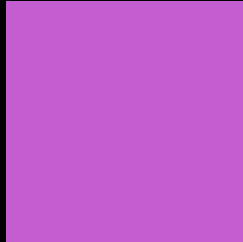
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.7930, 24.7940, 57.2900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

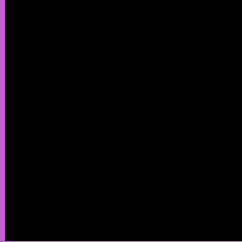
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.7930, 24.7940, 57.2900

Background



This preview shows how black text looks on a background with the YIQ color 136.7930, 24.7940, 57.2900.



This preview shows how white text looks on a background with the YIQ color 136.7930, 24.7940,

57.2900.

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

136.7930, 24.7940, 57.2900

Protanopia

129.0030, -64.8350, 24.1330

Deuteranopia

133.4510, -37.2780, 14.8020



Tritanopia

136.8420, 39.1520, 17.3280

Trichromacy



Original Color

136.7930, 24.7940, 57.2900



Protanomaly

131.5620, -32.3760, 36.1040



Deuteranomaly

134.5560, -15.0440, 30.3640



Tritanomaly

136.8760, 33.7850, 32.0010

Monochromacy



Original Color

136.7930, 24.7940, 57.2900



Achromatopsia

137.0000, -0.0000, 0.0000



Achromatomaly

136.7370, 8.8910, 20.5950

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.7930, 24.7940, 57.2900 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, 93, 207)` looks like.

```
.text, #text, p{  
    color:rgb(196, 93, 207)  
}
```

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, 93, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 93, 207) }
```

Border

The CSS property to change the border of an element to YIQ 136.7930, 24.7940, 57.2900 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, 93, 207) }
```


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

```
.border{ border-color:rgb(196, 93, 207) }
```

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

Here you see how a box with a 4 pixel rgb(196, 93, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 93, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 93, 207);  
box-shadow:4px 4px 4px 4px rgb(196, 93,  
207) }
```

Background

The CSS property to change the background color of an element to YIQ 136.7930, 24.7940, 57.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 93, 207) }
```

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

```
.background{ background-color: rgb(196, 93,  
207) }
```

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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