

Converting Colors

YIQ(136.7130, 27.7750, 52.8230)

Have a look what the booklet for
YIQ(136.7130, 27.7750, 52.8230)
contains.

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Color

**YIQ(136.7130, 27.7750,
52.8230)**

Conversions

Conversions Part 1

Format	Color
Hex	C45FC4
RGB	196, 95, 196
RGB Percent	77%, 37%, 77%
CMY	0.2311, 0.6276, 0.2313
CMYK	0.00, 0.52, 0.00, 0.23
HSL	300°, 46%, 57%
HSV	300°, 52%, 77%
XYZ	36.8382, 23.9088, 54.9027
YIQ	136.7130, 27.7750, 52.8230

Conversions

Conversions Part 2

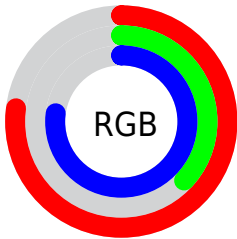
Format	Color
R_{YB}	196, 95, 196
Decimal	12869572
CIE _{Lab}	56.00, 54.22, -35.06
CIE _{LCh}	56, 64.566, 327.116
Yxy	23.9088, 0.3185, 0.2067
Android (android.graphics.Color)	4291059652 (0xFFC45FC4)
YUV	136.7130, 29.2285, 51.9947
Hunter-Lab	48.8967, 48.9107, -32.3450

Details

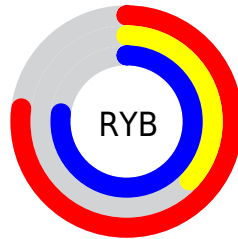
The YIQ color **136.7130, 27.7750, 52.8230** is a light color, and the websafe version is hex **CC66CC**. The color can be described as light muted magenta. A complement of this color would be **154.2870, -27.7750, -52.8230**, and the grayscale version is **136.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **192.5500, 29.7920, 54.8160**, and **81.5280, 26.8580, 52.9220** is the 20% darker color. If you saturate the color by 10%, you get **124.9730, 33.2750, 63.2830**, and if you desaturate by 10%, it is **148.4530, 22.2750, 42.3630**.

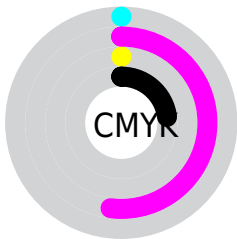
Distribution



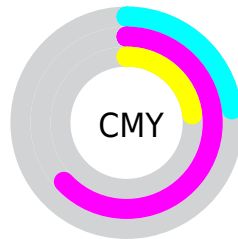
- Red (77%)
- Green (37%)
- Blue (77%)



- Red (77%)
- Yellow (37%)
- Blue (77%)



- Cyan (0%)
- Magenta (52%)
- Yellow (0%)
- Black (23%)



- Cyan (23%)
- Magenta (63%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.7130, 27.7750, 52.8230 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 136.7130, 27.7750, 52.8230 by changing the saturation by 10% instead.

136.7130, 27.7750,
52.8230

136.7130, 27.7750,
52.8230

255.0000, -0.0000,
-0.0000

109.4140, 27.1790,
52.6110

192.5500, 29.7920,
54.8160

81.5280, 26.8580,
52.9220

209.2140, 21.4500,
40.7940

47.0110, 30.1120,
60.0320

226.2370, 13.4750,
25.6270

36.0880, 22.0450,
46.5330

243.2600, 5.5000,
10.4600

25.5780, 14.2530,
33.5570

15.7800, 7.3320,
21.3160

3.0950, -7.3370,

6.3190

■ 0.0000, 0.0000,
0.0000

■ 136.7130, 27.7750,
52.8230

■ 136.7130, 27.7750,
52.8230

■ 124.9730, 33.2750,
63.2830

■ 148.4530, 22.2750,
42.3630

■ 113.8200, 38.5000,
73.2200

■ 159.6060, 17.0500,
32.4260

■ 102.0800, 44.0000,
83.6800

■ 171.3460, 11.5500,
21.9660

■ 90.9270, 49.2250,
93.6170

■ 182.4990, 6.3250,
12.0290

■ 80.9480, 53.9000,
102.5080

■ 194.2390, 0.8250,
1.5690

■ 205.9790, -4.6750,
-8.8910

■ 217.1320, -9.9000,
-18.8280

■ 228.8720,
-15.4000, -29.2880

■ 230.6330,
-16.2250, -30.8570

Harmonies

Analogous

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



134.5830, -36.8690, 34.9310



136.7130, 27.7750, 52.8230



129.5700, 70.5980, 53.1740

Triad

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



136.7130, 27.7750, 52.8230



125.6450, 62.5900, -33.0100



114.8960, -103.0640, -26.4560

Complementary

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



136.7130, 27.7750, 52.8230



154.2870, -27.7750, -52.8230

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.



107.8110, -84.4920, -43.6600



136.7130, 27.7750, 52.8230



120.1450, 22.4750, -49.4050

Square

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



136.7130, 27.7750, 52.8230



128.8060, 82.3910, -0.8810



98.8510, -64.7740, -59.6060



116.9770, -115.8130, -10.1570

Rectangle

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



136.7130, 27.7750, 52.8230



127.7220, 84.3090, 41.4690



98.8510, -64.7740, -59.6060



112.8440, -97.2860, -32.0540

Sweetspot

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



136.7130, 27.7750, 52.8230



232.6940, 10.4500, 19.8740



106.5140, -32.4210, 31.4110



114.3850, 6.6460, 11.7180



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.



136.7130, 27.7750, 52.8230



162.2540, 43.4500, 82.6340



131.0130, 43.8250, 37.2730



91.1300, 2.7500, 5.2300



66.4930, 44.2750, 84.2030



13.6290, 9.0750, 17.2590

Inverse Universe

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



136.7130, 27.7750, 52.8230



162.2540, 43.4500, 82.6340



160.1010, -44.1460, -36.9620



91.1300, 2.7500, 5.2300



66.4930, 44.2750, 84.2030



13.6290, 9.0750, 17.2590

Previews

White Background



This preview shows how the YIQ color 136.7130, 27.7750, 52.8230 looks on a white background.

Color Contrast Check

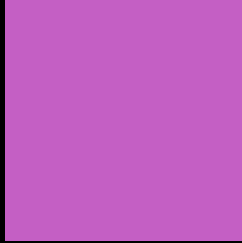
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.7130, 27.7750, 52.8230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

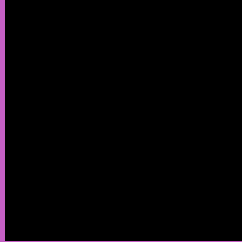
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.7130, 27.7750, 52.8230

Background



This preview shows how black text looks on a background with the YIQ color 136.7130, 27.7750, 52.8230.



This preview shows how white text looks on a background with the YIQ color 136.7130, 27.7750,

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

136.7130, 27.7750, 52.8230

Protanopia

131.5820, -53.4640, 21.8000

Deuteranopia

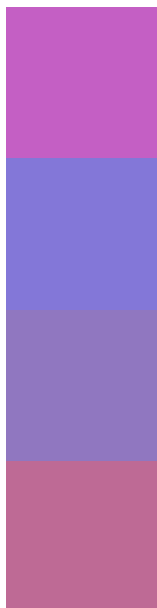
134.0020, -28.7040, 13.6000



Tritanopia

136.1520, 41.2150, 18.4870

Trichromacy



Original Color

136.7130, 27.7750, 52.8230

Protanomaly

133.6460, -23.9850, 32.7110

Deuteranomaly

134.7970, -8.5330, 28.0030

Tritanomaly

136.0180, 36.2610, 31.1810

Monochromacy



Original Color

136.7130, 27.7750, 52.8230

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.8680, 9.9000, 18.8280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.7130, 27.7750, 52.8230 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, 95, 196)` looks like.

```
.text, #text, p{  
    color:rgb(196, 95, 196)  
}
```

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, 95, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 95, 196) }
```

Border

The CSS property to change the border of an element to YIQ 136.7130, 27.7750, 52.8230 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, 95, 196) }
```


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

```
.border{ border-color:rgb(196, 95, 196) }
```

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

Here you see how a box with a 4 pixel rgb(196, 95, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 95, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 95, 196);  
box-shadow:4px 4px 4px 4px rgb(196, 95,  
196) }
```

Background

The CSS property to change the background color of an element to YIQ 136.7130, 27.7750, 52.8230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 95, 196) }
```

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

```
.background{ background-color: rgb(196, 95,  
196) }
```

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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