

Converting Colors

YIQ(130.5460, 27.5880, 72.7400)

Have a look what the booklet for
YIQ(130.5460, 27.5880, 72.7400)
contains.

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Color

**YIQ(130.5460, 27.5880,
72.7400)**

Conversions

Conversions Part 1

Format	Color
Hex	CA4CE0
RGB	202, 76, 224
RGB Percent	79%, 30%, 88%
CMY	0.2074, 0.7021, 0.1216
CMYK	0.10, 0.66, 0.00, 0.12
HSL	291°, 70%, 59%
HSV	291°, 66%, 88%
XYZ	40.4194, 23.1139, 72.8512
YIQ	130.5460, 27.5880, 72.7400

Conversions

Conversions Part 2

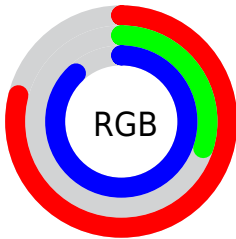
Format	Color
R_{YB}	202, 76, 224
Decimal	13257952
CIE _{Lab}	55.19, 69.15, -52.19
CIE _{LCh}	55, 86.631, 322.958
Yxy	23.1139, 0.2964, 0.1695
Android (android.graphics.Color)	4291448032 (0xFFCA4CE0)
YUV	130.5460, 46.0728, 62.6652
Hunter-Lab	48.0769, 65.9345, -56.1886

Details

The YIQ color **130.5460, 27.5880, 72.7400** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **169.4540, -27.5880, -72.7400**, and the grayscale version is **130.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **183.3860, 33.5500, 63.8060**, and **62.2080, 31.8960, 82.7760** is the 20% darker color. If you saturate the color by 10%, you get **116.7350, 31.8500, 83.6100**, and if you desaturate by 10%, it is **144.3570, 23.3260, 61.8700**.

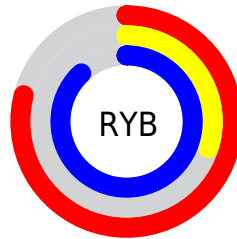
Distribution



Red (79%)

Green (30%)

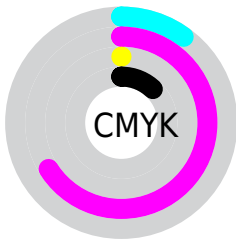
Blue (88%)



Red (79%)

Yellow (30%)

Blue (88%)

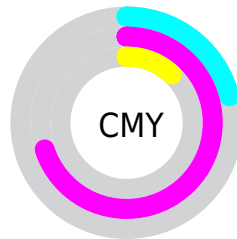


Cyan (10%)

Magenta (66%)

Yellow (0%)

Black (12%)



Cyan (21%)


Magenta (70%)

Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 130.5460, 27.5880, 72.7400 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 130.5460, 27.5880, 72.7400 by changing the saturation by 10% instead.


 130.5460, 27.5880,
72.7400


 130.5460, 27.5880,
72.7400


255.0000, -0.0000,
-0.0000


 99.8990, 28.0920,
74.6200


 183.3860, 33.5500,
63.8060


 62.2080, 31.8960,
82.7760


 200.4090, 25.5750,
48.6390

 50.7580, 23.8750,
68.4430


 217.4320, 17.6000,
33.4720

 39.4220, 15.5330,
54.4210

 234.4550, 9.6250,
18.3050

 28.0860, 7.1910,
40.3990

 252.0650, 1.3750,
2.6150

 17.2770, -1.1970,
27.2110

 4.7880, -13.4820,

13.0620

■ 2.8670, -6.6950,
5.6970

■ 0.0000, 0.0000,
0.0000

■ 130.5460, 27.5880,
72.7400

■ 130.5460, 27.5880,
72.7400

■ 116.7350, 31.8500,
83.6100

■ 144.3570, 23.3260,
61.8700

■ 102.0380, 35.7910,
94.7910

■ 159.0540, 19.3850,
50.6890

■ 88.2270, 40.0530,
105.6610

■ 172.8650, 15.1230,
39.8190

■ 82.6450, 41.9320,
110.1560

■ 187.2630, 10.5860,
28.4260

201.3730, 6.9200,
17.7680

215.1840, 2.6580,
6.8980

229.5820, -1.8790,
-4.4950

243.6920, -5.5450,
-15.1530

244.5890, -3.7570,
-14.5170

Harmonies

Analogous

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



119.2440, -75.5190, 30.5370



130.5460, 27.5880, 72.7400



93.3770, 100.8040, 100.4840

Triad

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



130.5460, 27.5880, 72.7400



124.5260, 70.4750, -27.2290



117.8140, -105.7690, -26.9930

Complementary

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



130.5460, 27.5880, 72.7400



169.4540, -27.5880, -72.7400

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.



107.7480, -80.1810, -50.2050



130.5460, 27.5880, 72.7400



116.5100, 22.7050, -53.5750

Square

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



130.5460, 27.5880, 72.7400



118.6540, 112.2380, 3.3580



94.8950, -50.8790, -74.6470



122.6480, -124.8920, -5.3080

Rectangle

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



130.5460, 27.5880, 72.7400



87.9870, 118.9170, 86.0930



94.8950, -50.8790, -74.6470



114.3770, -97.4690, -34.2450

Sweetspot

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



130.5460, 27.5880, 72.7400



222.6710, 9.2570, 24.9770



105.7860, -53.5580, 34.5220



108.3080, 5.5450, 15.1530



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.



130.5460, 27.5880, 72.7400



128.0430, 37.3950, 98.7630



131.1960, 57.3920, 61.2320



105.2440, 2.4290, 5.5410



64.9140, 32.9040, 86.5360



17.7310, 9.0280, 23.6200

Inverse Universe

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



122.7600, 81.1460, 38.2180



117.4050, 110.4870, 51.6310



168.8040, -57.3920, -61.2320



104.5170, 5.9140, 2.9540



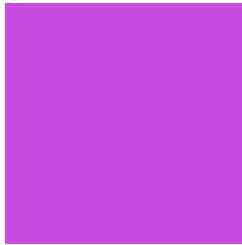
55.5880, 96.5500, 45.3980



15.1500, 26.3610, 12.3530

Previews

White Background



This preview shows how the YIQ color 130.5460, 27.5880, 72.7400 looks on a white background.

Color Contrast Check

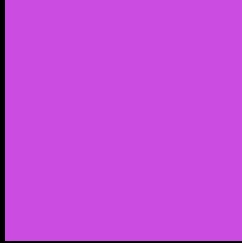
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.5460, 27.5880, 72.7400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

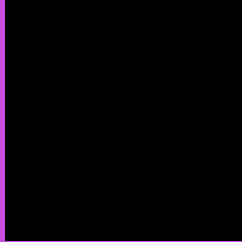
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 130.5460, 27.5880, 72.7400

Background



This preview shows how black text looks on a background with the YIQ color 130.5460, 27.5880, 72.7400.



This preview shows how white text looks on a background with the YIQ color 130.5460, 27.5880,

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

130.5460, 27.5880, 72.7400

Protanopia

121.5480, -82.4870, 24.6570

Deuteranopia

127.2840, -55.8010, 14.5910



Tritanopia

133.5330, 44.5160, 19.2360

Trichromacy



Original Color

130.5460, 27.5880, 72.7400

Protanomaly

124.6890, -42.7390, 42.1970

Deuteranomaly

128.2700, -25.6820, 35.9340

Tritanomaly

132.4300, 38.2770, 38.7010

Monochromacy



Original Color

130.5460, 27.5880, 72.7400

Achromatopsia

131.0000, -0.0000, -0.0000

Achromatomaly

130.9100, 10.0820, 26.5460

CSS Examples

Text

The CSS property to change the color of the text to YIQ 130.5460, 27.5880, 72.7400 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(202, 76, 224)` looks like.

```
.text, #text, p{  
    color:rgb(202, 76, 224)  
}
```

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(202, 76, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 76, 224) }
```

Border

The CSS property to change the border of an element to YIQ 130.5460, 27.5880, 72.7400 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(202, 76, 224) }
```


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

```
.border{ border-color:rgb(202, 76, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 76, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 76, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 76, 224);  
box-shadow:4px 4px 4px 4px rgb(202, 76,  
224) }
```

Background

The CSS property to change the background color of an element to YIQ 130.5460, 27.5880, 72.7400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 76, 224) }
```

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

```
.background{ background-color: rgb(202, 76,  
224) }
```

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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