

Converting Colors

YIQ(154.8980, 27.5510, 23.8310)

Have a look what the booklet for
YIQ(154.8980, 27.5510, 23.8310)
contains.

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Color

**YIQ(154.8980, 27.5510,
23.8310)**

Conversions

Conversions Part 1

Format	Color
Hex	C484A5
RGB	196, 132, 165
RGB Percent	77%, 52%, 65%
CMY	0.2312, 0.4824, 0.3529
CMYK	0.00, 0.33, 0.16, 0.23
HSL	329°, 35%, 64%
HSV	329°, 33%, 77%
XYZ	37.8175, 30.9543, 39.5891
YIQ	154.8980, 27.5510, 23.8310

Conversions

Conversions Part 2

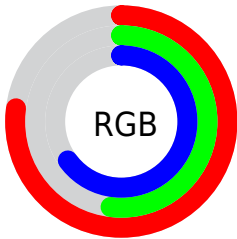
Format	Color
R _Y B	196, 132, 165
Decimal	12879013
CIE Lab	62.47, 29.52, -7.46
CIE LCh	62, 30.450, 345.826
Yxy	30.9543, 0.3490, 0.2857
Android (android.graphics.Color)	4291069093 (0xFFC484A5)
YUV	154.8980, 4.9803, 36.0465
Hunter-Lab	55.6366, 23.9666, -3.2431

Details

The YIQ color **154.8980, 27.5510, 23.8310** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **173.1020, -27.5510, -23.8310**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **210.2080, 29.6140, 24.9900**, and **102.5880, 25.4880, 22.6720** is the 20% darker color. If you saturate the color by 10%, you get **142.1320, 35.9400, 31.4920**, and if you desaturate by 10%, it is **167.7780, 18.8410, 16.4810**.

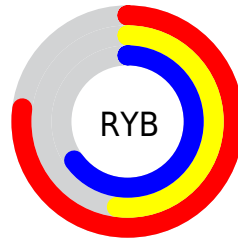
Distribution



Red (77%)

Green (52%)

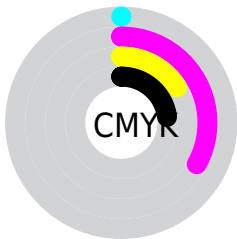
Blue (65%)



Red (77%)

Yellow (52%)

Blue (65%)

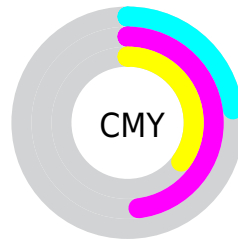


Cyan (0%)

Magenta (33%)

Yellow (16%)

Black (23%)



Cyan (23%)


Magenta (48%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 154.8980, 27.5510, 23.8310 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 154.8980, 27.5510, 23.8310 by changing the saturation by 10% instead.


 154.8980, 27.5510,
23.8310


 154.8980, 27.5510,
23.8310


255.0000, -0.0000,
-0.0000

 128.3000, 26.3590,
23.4070


 210.2080, 29.6140,
24.9900


 102.5880, 25.4880,
22.6720


 230.2490, 13.2010,
19.5770

 77.9900, 24.2960,
22.2480

 247.3690, 3.5750,
6.7990

 53.9790, 22.8290,
21.3010

 29.3210, 21.8660,
22.2340

 15.4790, 18.2450,
16.2690

 0.0000, 0.0000,

0.0000

154.8980, 27.5510,
23.8310

154.8980, 27.5510,
23.8310

142.1320, 35.9400,
31.4920

167.7780, 18.8410,
16.4810

129.8390, 44.3750,
38.3190

179.9570, 10.7270,
9.3430

117.0730, 52.7640,
45.9800

192.8370, 2.0170,
1.9930

104.7800, 61.1990,
52.8070

205.0160, -6.0970,
-5.1450

92.0140, 69.5880,
60.4680

217.7820,
-14.4860, -12.8060

79.1340, 78.2980,
67.8180

230.6620,
-23.1960, -20.1560

70.1180, 84.3950,
72.9630

234.6230,
-27.4600, -19.9720

235.7630,
-30.6700, -16.8620

236.7890,
-33.5590, -14.0630

Harmonies

Analogous

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



154.5670, 3.6180, 22.5460



154.8980, 27.5510, 23.8310



153.9240, 41.8570, 17.8650

Triad

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



154.8980, 27.5510, 23.8310



147.9150, 18.5720, -17.2040



135.1670, -69.7340, -13.7500

Complementary

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



154.8980, 27.5510, 23.8310



173.1020, -27.5510, -23.8310

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.



135.0890, -61.0670, -22.1470



154.8980, 27.5510, 23.8310



144.7640, -6.0480, -22.5600

Square

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



154.8980, 27.5510, 23.8310



150.5200, 36.2220, -6.6740



139.9810, -34.5200, -24.1840



143.4070, -52.3140, 0.9500

Rectangle

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



154.8980, 27.5510, 23.8310



152.8500, 44.7010, 10.3730



139.9810, -34.5200, -24.1840



134.3470, -70.4210, -17.8210

Sweetspot

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



154.8980, 27.5510, 23.8310



238.9570, 10.7270, 9.3430



148.5650, -2.0680, 26.4760



117.6960, 6.9680, 5.8800



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.



154.8980, 27.5510, 23.8310



191.4150, 42.6330, 36.8490



151.2500, 37.8230, 13.8790



90.5600, 4.3550, 3.6750



57.6010, 69.3130, 59.9450



11.8050, 14.2110, 12.2830

Inverse Universe

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



154.8980, 27.5510, 23.8310



191.4150, 42.6330, 36.8490



176.7500, -37.8230, -13.8790



90.5600, 4.3550, 3.6750



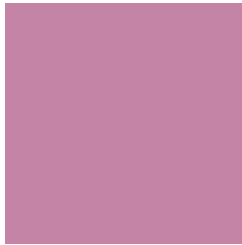
57.6010, 69.3130, 59.9450



11.8050, 14.2110, 12.2830

Previews

White Background



This preview shows how the YIQ color 154.8980, 27.5510, 23.8310 looks on a white background.

Color Contrast Check

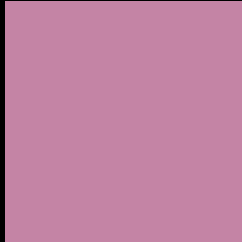
Large Text (above 18pt) WCAG AA × Fail

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 154.8980, 27.5510, 23.8310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

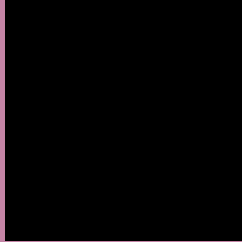
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 154.8980, 27.5510, 23.8310

Background



This preview shows how black text looks on a background with the YIQ color 154.8980, 27.5510, 23.8310.



This preview shows how white text looks on a background with the YIQ color 154.8980, 27.5510,

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

154.8980, 27.5510, 23.8310

Protanopia

151.8820, -11.0510, 7.5490

Deuteranopia

152.8960, 3.5290, 7.6330



Tritanopia

153.8950, 31.6330, 15.9290

Trichromacy



Original Color

154.8980, 27.5510, 23.8310

Protanomaly

152.6990, 2.8860, 13.7820

Deuteranomaly

153.9620, 12.3310, 13.3150

Tritanomaly

154.4050, 30.2570, 18.8410

Monochromacy



Original Color

154.8980, 27.5510, 23.8310

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

155.2450, 9.8560, 8.6080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 154.8980, 27.5510, 23.8310 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, 132, 165)` looks like.

```
.text, #text, p{  
    color:rgb(196, 132, 165)  
}
```

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, 132, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 132, 165) }
```

Border

The CSS property to change the border of an element to YIQ 154.8980, 27.5510, 23.8310 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, 132, 165) }
```


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

```
.border{ border-color:rgb(196, 132, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 132, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 132, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 132, 165);  
box-shadow:4px 4px 4px 4px rgb(196, 132,  
165) }
```

Background

The CSS property to change the background color of an element to YIQ 154.8980, 27.5510, 23.8310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 132, 165) }
```

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

```
.background{ background-color: rgb(196,  
132, 165) }
```

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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