

Converting Colors

YIQ(128.3970, 25.8490, 54.6890)

Have a look what the booklet for
YIQ(128.3970, 25.8490, 54.6890)
contains.

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Color

**YIQ(128.3970, 25.8490,
54.6890)**

Conversions

Conversions Part 1

Format	Color
Hex	BB56C1
RGB	187, 86, 193
RGB Percent	73%, 34%, 76%
CMY	0.2664, 0.6629, 0.2431
CMYK	0.03, 0.55, 0.00, 0.24
HSL	297°, 46%, 55%
HSV	297°, 55%, 76%
XYZ	33.4633, 21.0740, 52.7590
YIQ	128.3970, 25.8490, 54.6890

Conversions

Conversions Part 2

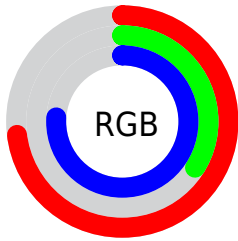
Format	Color
R_{YB}	187, 86, 193
Decimal	12277441
CIE _{Lab}	53.03, 55.51, -38.07
CIE _{LCh}	53, 67.313, 325.559
Yxy	21.0740, 0.3119, 0.1964
Android (android.graphics.Color)	4290467521 (0xFFBB56C1)
YUV	128.3970, 31.8493, 51.3948
Hunter-Lab	45.9064, 49.7806, -36.0059

Details

The YIQ color $128.3970, 25.8490, 54.6890$ is a light color, and the websafe version is hex $CC66CC$. The color can be described as light muted purple. A complement of this color would be $150.6030, -25.8490, -54.6890$, and the grayscale version is $128.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $183.9350, 27.2700, 56.4700$, and $72.0380, 25.4820, 55.8340$ is the 20% darker color. If you saturate the color by 10%, you get $116.9450, 30.4780, 64.4140$, and if you desaturate by 10%, it is $139.8490, 21.2200, 44.9640$.

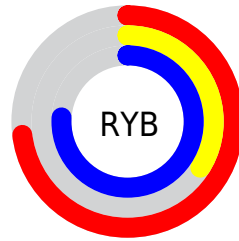
Distribution



Red (73%)

Green (34%)

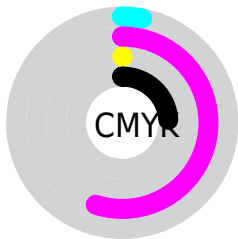
Blue (76%)



Red (73%)

Yellow (34%)

Blue (76%)

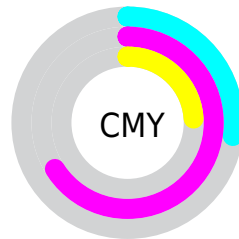


Cyan (3%)

Magenta (55%)

Yellow (0%)

Black (24%)



Cyan (27%)

Magenta (66%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.3970, 25.8490, 54.6890 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 128.3970, 25.8490, 54.6890 by changing the saturation by 10% instead.

128.3970, 25.8490,
54.6890

128.3970, 25.8490,
54.6890

255.0000, -0.0000,
-0.0000

101.0980, 25.2530,
54.4770

183.9350, 27.2700,
56.4700

72.0380, 25.4820,
55.8340

203.9310, 23.9250,
45.5010

43.9780, 25.7110,
57.1910

220.3670, 16.2250,
30.8570

33.0550, 17.6440,
43.6920

237.3900, 8.2500,
15.6900

22.8440, 10.4480,
30.9280

254.4130, 0.2750,
0.5230

12.1490, 1.7390,
18.0510

2.7530, -6.3740,

5.3860

■ 0.0000, 0.0000,
0.0000

■ 128.3970, 25.8490,
54.6890

■ 128.3970, 25.8490,
54.6890

■ 116.9450, 30.4780,
64.4140

■ 139.8490, 21.2200,
44.9640

■ 104.9060, 35.3820,
74.6620

■ 151.8880, 16.3160,
34.7160

■ 93.4540, 40.0110,
84.3870

■ 163.3400, 11.6870,
24.9910

■ 82.0020, 44.6400,
94.1120

■ 174.7920, 7.0580,
15.2660

■ 76.4200, 46.5190,
98.6070

■ 186.2440, 2.4290,
5.5410

■ 198.2830, -2.4750,
-4.7070

■ 210.0340, -6.5080,
-14.2200

■ 221.4860,
-11.1370, -23.9450

■ 230.5900,
-14.6660, -31.5780

Harmonies

Analogous

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



125.3480, -43.5170, 34.2670



128.3970, 25.8490, 54.6890



118.8030, 71.5600, 57.7680

Triad

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



128.3970, 25.8490, 54.6890



118.8670, 62.0850, -29.3630



109.1740, -97.9750, -25.0710

Complementary

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



128.3970, 25.8490, 54.6890



150.6030, -25.8490, -54.6890

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.



102.4480, -79.0360, -43.4200



128.3970, 25.8490, 54.6890



112.1020, 24.0340, -50.1260

Square

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



128.3970, 25.8490, 54.6890



119.6000, 85.9670, 0.3910



92.6730, -58.4010, -59.4650



112.1840, -111.9620, -8.3620

Rectangle

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



128.3970, 25.8490, 54.6890



117.0260, 86.5090, 45.6530



92.6730, -58.4010, -59.4650



107.5950, -92.1510, -31.5030

Sweetspot

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



128.3970, 25.8490, 54.6890



224.1610, 10.6330, 22.0650



102.3070, -36.2720, 29.6160



110.0260, 6.2790, 12.8630



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



128.3970, 25.8490, 54.6890



148.6930, 40.8360, 85.9560



124.9470, 44.1910, 41.6550



90.8310, 2.1540, 5.0180



63.8020, 38.9110, 82.2950



13.0310, 7.8830, 16.8350

Inverse Universe

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



118.6770, 61.8460, 24.5500



133.3720, 96.9180, 38.7260



154.0530, -44.1910, -41.6550



90.1040, 5.6390, 2.4310



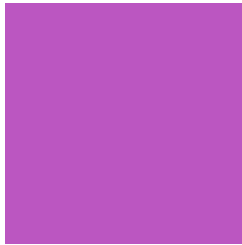
49.1650, 93.0670, 36.9310



10.0950, 19.0260, 7.6180

Previews

White Background



This preview shows how the YIQ color 128.3970, 25.8490, 54.6890 looks on a white background.

Color Contrast Check

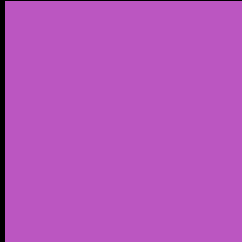
Large Text (above 18pt) WCAG AA ✓ Pass

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 128.3970, 25.8490, 54.6890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

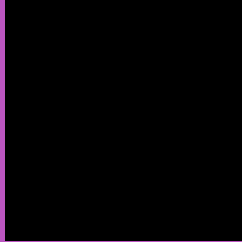
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.3970, 25.8490, 54.6890

Background



This preview shows how black text looks on a background with the YIQ color 128.3970, 25.8490, 54.6890.



This preview shows how white text looks on a background with the YIQ color 128.3970, 25.8490,

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

128.3970, 25.8490, 54.6890

Protanopia

121.9880, -60.4790, 22.2810

Deuteranopia

125.6640, -33.5640, 13.5720



Tritanopia

128.7280, 39.4730, 17.0170

Trichromacy



Original Color

128.3970, 25.8490, 54.6890



Protanomaly

124.3620, -28.9370, 34.3510



Deuteranomaly

126.4700, -11.9260, 28.9220



Tritanomaly

128.5340, 34.7480, 31.0680

Monochromacy



Original Color

128.3970, 25.8490, 54.6890



Achromatopsia

128.0000, -0.0000, -0.0000



Achromatomaly

128.2100, 8.9370, 19.7610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.3970, 25.8490, 54.6890 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(187, 86, 193)` looks like.

```
.text, #text, p{  
    color:rgb(187, 86, 193)  
}
```

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(187, 86, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 86, 193) }
```

Border

The CSS property to change the border of an element to YIQ 128.3970, 25.8490, 54.6890 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(187, 86, 193) }
```


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

```
.border{ border-color:rgb(187, 86, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 86, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 86, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 86, 193);  
box-shadow:4px 4px 4px 4px rgb(187, 86,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 128.3970, 25.8490, 54.6890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 86, 193) }
```

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

```
.background{ background-color: rgb(187, 86,  
193) }
```

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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