

Converting Colors

YIQ(153.1230, 13.7960, 25.3160)

Have a look what the booklet for
YIQ(153.1230, 13.7960, 25.3160)
contains.

YIQ(153.1230, 13.7960, 25.3160)	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(153.1230, 13.7960,
25.3160)**

Conversions

Conversions Part 1

Format	Color
Hex	B685B5
RGB	182, 133, 181
RGB Percent	71%, 52%, 71%
CMY	0.2861, 0.4785, 0.2902
CMYK	0.00, 0.27, 0.01, 0.29
HSL	301°, 25%, 62%
HSV	301°, 27%, 71%
XYZ	36.0259, 30.0555, 47.6210
YIQ	153.1230, 13.7960, 25.3160

Conversions

Conversions Part 2

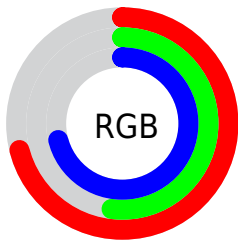
Format	Color
R_{YB}	182, 133, 181
Decimal	11961781
CIE _{Lab}	61.70, 26.93, -17.84
CIE _{LCh}	62, 32.303, 326.469
Yxy	30.0555, 0.3168, 0.2643
Android (android.graphics.Color)	4290151861 (0xFFB685B5)
YUV	153.1230, 13.7434, 25.3251
Hunter-Lab	54.8229, 21.3582, -13.1253

Details

The YIQ color **153.1230, 13.7960, 25.3160** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **161.8770, -13.7960, -25.3160**, and the grayscale version is **153.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **207.9490, 14.3460, 26.3620**, and **101.5850, 12.3750, 23.5350** is the 20% darker color. If you saturate the color by 10%, you get **142.5570, 18.7460, 34.7300**, and if you desaturate by 10%, it is **163.6890, 8.8460, 15.9020**.

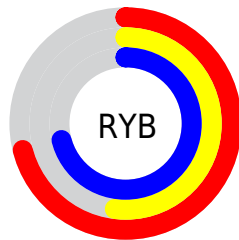
Distribution



Red (71%)

Green (52%)

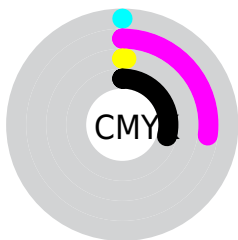
Blue (71%)



Red (71%)

Yellow (52%)

Blue (71%)

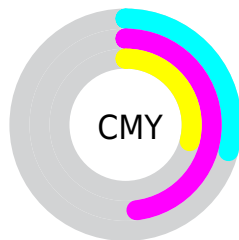


Cyan (0%)

Magenta (27%)

Yellow (1%)

Black (29%)



Cyan (29%)


Magenta (48%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 153.1230, 13.7960, 25.3160 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 153.1230, 13.7960, 25.3160 by changing the saturation by 10% instead.


 153.1230, 13.7960,
25.3160


 153.1230, 13.7960,
25.3160


255.0000, -0.0000,
-0.0000

 126.7100, 13.5210,
24.7930

 208.2480, 14.9420,
26.5740


 101.5850, 12.3750,
23.5350


 231.5200, 11.0000,
20.9200

 77.1720, 12.1000,
23.0120

 247.9560, 3.3000,
6.2760

 53.4600, 11.2290,
22.2770

 30.1610, 10.6330,
22.0650

 14.3410, 9.9460,
17.9940

 1.0260, -2.8890,

2.7990

0.0000, 0.0000,
0.0000

153.1230, 13.7960,
25.3160

153.1230, 13.7960,
25.3160

142.5570, 18.7460,
34.7300

163.6890, 8.8460,
15.9020

131.8770, 24.0170,
43.8330

174.3690, 3.5750,
6.7990

120.7240, 29.2420,
53.7700

185.5220, -1.6500,
-3.1380

110.0440, 34.5130,
62.8730

196.2020, -6.9210,
-12.2410

99.4780, 39.4630,
72.2870

206.7680,
-11.8710, -21.6550

■ 88.9120, 44.4130,
81.7010

■ 217.3340,
-16.8210, -31.0690

■ 78.2320, 49.6840,
90.8040

■ 225.0790,
-20.7170, -37.5570

■ 74.7100, 51.3340,
93.9420

Harmonies

Analogous

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



150.9930, -15.3170, 18.7870



153.1230, 13.7960, 25.3160



152.2040, 35.4370, 24.0850

Triad

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



153.1230, 13.7960, 25.3160



147.3190, 32.2340, -11.4940



128.3630, -76.5180, -22.9660

Complementary

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



153.1230, 13.7960, 25.3160



161.8770, -13.7960, -25.3160

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.



134.3260, -48.7330, -25.4130



153.1230, 13.7960, 25.3160



144.5010, 10.8700, -20.7940

Square

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



153.1230, 13.7960, 25.3160



149.4660, 45.4820, 1.7220



140.4360, -16.8680, -24.7080



133.3070, -72.9440, -10.6400

Rectangle

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



153.1230, 13.7960, 25.3160



151.1200, 44.2410, 18.7130



140.4360, -16.8680, -24.7080



129.6150, -68.5400, -24.3800

Sweetspot

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



153.1230, 13.7960, 25.3160



225.8470, 5.2250, 9.9370



138.8850, -15.1330, 15.4510



112.9560, 3.3000, 6.2760



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



153.1230, 13.7960, 25.3160



192.2740, 21.2210, 39.4370



150.3870, 21.5000, 17.8520



86.7170, 2.4750, 4.7070



63.9720, 44.1840, 80.3440



11.4500, 8.0210, 14.3330

Inverse Universe

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



153.1230, 13.7960, 25.3160



192.2740, 21.2210, 39.4370



164.6130, -21.5000, -17.8520



86.7170, 2.4750, 4.7070



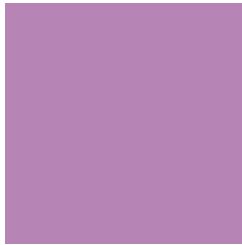
63.9720, 44.1840, 80.3440



11.4500, 8.0210, 14.3330

Previews

White Background



This preview shows how the YIQ color 153.1230, 13.7960, 25.3160 looks on a white background.

Color Contrast Check

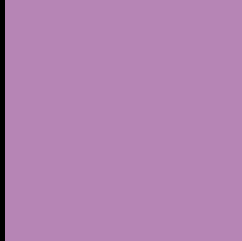
Large Text (above 18pt) WCAG AA ✓ Pass

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 153.1230, 13.7960, 25.3160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

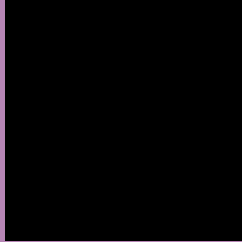
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 153.1230, 13.7960, 25.3160

Background



This preview shows how black text looks on a background with the YIQ color 153.1230, 13.7960, 25.3160.



This preview shows how white text looks on a background with the YIQ color 153.1230, 13.7960,

25.3160.

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

153.1230, 13.7960, 25.3160

Protanopia

149.9120, -19.7630, 11.2530

Deuteranopia

150.6590, -8.8050, 10.8990



Tritanopia

151.9150, 19.7130, 11.6890

Trichromacy



Original Color

153.1230, 13.7960, 25.3160

Protanomaly

151.3050, -7.5680, 16.0160

Deuteranomaly

151.4260, -0.5990, 16.3690

Tritanomaly

152.2940, 17.3280, 16.3680

Monochromacy



Original Color

153.1230, 13.7960, 25.3160

Achromatopsia

153.0000, 0.0000, -0.0000

Achromatomaly

153.3200, 5.2710, 9.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 153.1230, 13.7960, 25.3160 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(182, 133, 181)` looks like.

```
.text, #text, p{  
    color:rgb(182, 133, 181)  
}
```

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(182, 133, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 133, 181) }
```

Border

The CSS property to change the border of an element to YIQ 153.1230, 13.7960, 25.3160 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(182, 133, 181) }
```


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

```
.border{ border-color:rgb(182, 133, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 133, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(182, 133, 181); -webkit-box-shadow:4px 4px 4px 4px rgb(182, 133, 181); box-shadow:4px 4px 4px 4px rgb(182, 133, 181) }
```

Background

The CSS property to change the background color of an element to YIQ 153.1230, 13.7960, 25.3160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 133, 181) }
```

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

```
.background{ background-color: rgb(182,  
133, 181) }
```

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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