

Converting Colors

YIQ(164.8240, 13.2000, 25.1040)

Have a look what the booklet for
YIQ(164.8240, 13.2000, 25.1040)
contains.

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Color

**YIQ(164.8240, 13.2000,
25.1040)**

Conversions

Conversions Part 1

Format	Color
Hex	C191C1
RGB	193, 145, 193
RGB Percent	76%, 57%, 76%
CMY	0.2430, 0.4314, 0.2431
CMYK	0.00, 0.25, 0.00, 0.24
HSL	300°, 28%, 66%
HSV	300°, 25%, 76%
XYZ	41.7501, 35.4374, 55.0940
YIQ	164.8240, 13.2000, 25.1040

Conversions

Conversions Part 2

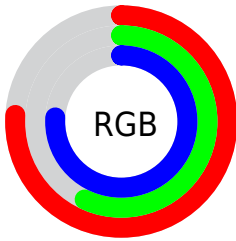
Format	Color
RYB	193, 145, 193
Decimal	12685761
CIELab	66.09, 26.25, -17.84
CIELCh	66, 31.743, 325.802
Yxy	35.4374, 0.3156, 0.2679
Android (android.graphics.Color)	4290875841 (0xFFC191C1)
YUV	164.8240, 13.8908, 24.7104
Hunter-Lab	59.5293, 21.0123, -13.2020

Details

The YIQ color **164.8240, 13.2000, 25.1040** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **173.1760, -13.2000, -25.1040**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.0630, 14.0250, 26.6730**, and **112.5850, 12.3750, 23.5350** is the 20% darker color. If you saturate the color by 10%, you get **153.6710, 18.4250, 35.0410**, and if you desaturate by 10%, it is **175.9770, 7.9750, 15.1670**.

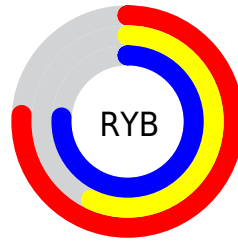
Distribution



Red (76%)

Green (57%)

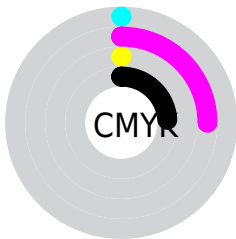
Blue (76%)



Red (76%)

Yellow (57%)

Blue (76%)

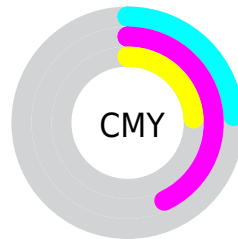


Cyan (0%)

Magenta (25%)

Yellow (0%)

Black (24%)



Cyan (24%)

Magenta (43%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.8240, 13.2000, 25.1040 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 164.8240, 13.2000, 25.1040 by changing the saturation by 10% instead.

■ 164.8240, 13.2000,
25.1040

■ 164.8240, 13.2000,
25.1040

■ 255.0000, -0.0000,
-0.0000

■ 138.4110, 12.9250,
24.5810

■ 220.0630, 14.0250,
26.6730

■ 112.5850, 12.3750,
23.5350

■ 238.5640, 7.7000,
14.6440

■ 87.8730, 11.5040,
22.8000

■ 63.4600, 11.2290,
22.2770

■ 40.7480, 10.3580,
21.5420

■ 17.7480, 10.3580,
21.5420

■ 6.2100, -0.2310,

9.6970

0.0000, 0.0000,
0.0000

164.8240, 13.2000,
25.1040

164.8240, 13.2000,
25.1040

153.6710, 18.4250,
35.0410

175.9770, 7.9750,
15.1670

141.9310, 23.9250,
45.5010

187.7170, 2.4750,
4.7070

130.7780, 29.1500,
55.4380

198.8700, -2.7500,
-5.2300

119.6250, 34.3750,
65.3750

210.0230, -7.9750,
-15.1670

107.8850, 39.8750,
75.8350

221.7630,
-13.4750, -25.6270

■ 96.7320, 45.1000,
85.7720

■ 229.3940,
-17.0500, -32.4260

■ 85.5790, 50.3250,
95.7090

■ 79.7090, 53.0750,
100.9390

Harmonies

Analogous

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



162.6940, -15.9130, 18.5750



164.8240, 13.2000, 25.1040



164.2040, 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.



164.8240, 13.2000, 25.1040



159.0310, 33.1050, -10.7590



142.8260, -70.5120, -21.6800

Complementary

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



164.8240, 13.2000, 25.1040



173.1760, -13.2000, -25.1040

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.



146.9950, -46.3030, -25.3990



164.8240, 13.2000, 25.1040



156.2130, 11.7410, -20.0590

Square

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



164.8240, 13.2000, 25.1040



161.4660, 45.4820, 1.7220



152.6210, -15.9510, -24.8070



146.6880, -69.6430, -9.8910

Rectangle

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



164.8240, 13.2000, 25.1040



163.1200, 44.2410, 18.7130



152.6210, -15.9510, -24.8070



143.5940, -64.0470, -23.2070

Sweetspot

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



164.8240, 13.2000, 25.1040



239.4340, 4.9500, 9.4140



150.4720, -15.4080, 14.9280



119.1300, 2.7500, 5.2300



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.



164.8240, 13.2000, 25.1040



205.9750, 20.6250, 39.2250



162.0880, 20.9040, 17.6400



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.



164.8240, 13.2000, 25.1040



205.9750, 20.6250, 39.2250



175.9120, -20.9040, -17.6400



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 164.8240, 13.2000, 25.1040 looks on a white background.

Color Contrast Check

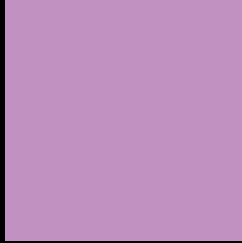
Large Text (above 18pt) WCAG AA × Fail

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 164.8240, 13.2000, 25.1040 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 164.8240, 13.2000, 25.1040

Background



This preview shows how black text looks on a background with the YIQ color 164.8240, 13.2000, 25.1040.



This preview shows how white text looks on a background with the YIQ color 164.8240, 13.2000,

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

164.8240, 13.2000, 25.1040

Protanopia

161.3250, -19.4880, 11.7760

Deuteranopia

162.3710, -7.9340, 11.6340



Tritanopia

163.6160, 19.1170, 11.4770

Trichromacy



Original Color

164.8240, 13.2000, 25.1040

Protanomaly

162.7180, -7.2930, 16.5390

Deuteranomaly

163.4260, -0.5990, 16.3690

Tritanomaly

163.9950, 16.7320, 16.1560

Monochromacy



Original Color

164.8240, 13.2000, 25.1040

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.0210, 4.6750, 8.8910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.8240, 13.2000, 25.1040 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(193, 145, 193)` looks like.

```
.text, #text, p{  
    color:rgb(193, 145, 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(193, 145, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 145, 193) }
```

Border

The CSS property to change the border of an element to YIQ 164.8240, 13.2000, 25.1040 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(193, 145, 193) }
```


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

```
.border{ border-color:rgb(193, 145, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 145, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 145, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 145, 193);  
box-shadow:4px 4px 4px 4px rgb(193, 145,  
193) }
```

Background

The CSS property to change the background color of an element to YIQ 164.8240, 13.2000, 25.1040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 145, 193) }
```

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

```
.background{ background-color: rgb(193,  
145, 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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