

Converting Colors

YIQ(162.8170, 5.9100, 25.0620)

Have a look what the booklet for
YIQ(162.8170, 5.9100, 25.0620)
contains.

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Color

**YIQ(162.8170, 5.9100,
25.0620)**

Conversions

Conversions Part 1

Format	Color
Hex	B891C7
RGB	184, 145, 199
RGB Percent	72%, 57%, 78%
CMY	0.2783, 0.4314, 0.2196
CMYK	0.08, 0.27, 0.00, 0.22
HSL	283°, 33%, 67%
HSV	283°, 27%, 78%
XYZ	40.2061, 34.5635, 58.5823
YIQ	162.8170, 5.9100, 25.0620

Conversions

Conversions Part 2

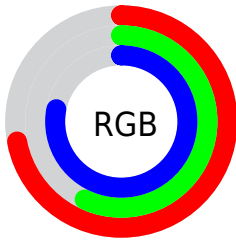
Format	Color
RYB	184, 145, 199
Decimal	12095943
CIELab	65.41, 24.44, -22.31
CIELCh	65, 33.093, 317.613
Yxy	34.5635, 0.3015, 0.2592
Android (android.graphics.Color)	4290286023 (0xFFB891C7)
YUV	162.8170, 17.8382, 18.5775
Hunter-Lab	58.7907, 19.1897, -17.9263

Details

The YIQ color **162.8170, 5.9100, 25.0620** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **181.1830, -5.9100, -25.0620**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.6430, 6.4600, 26.1080**, and **110.5780, 5.0850, 23.4930** is the 20% darker color. If you saturate the color by 10%, you get **149.5820, 8.4300, 34.4620**, and if you desaturate by 10%, it is **176.3510, 3.9860, 15.8740**.

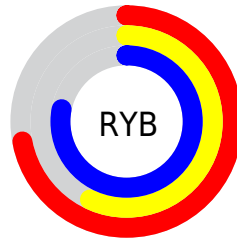
Distribution



Red (72%)

Green (57%)

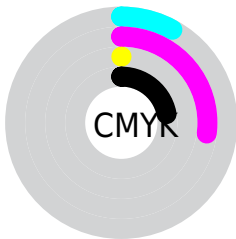
Blue (78%)



Red (72%)

Yellow (57%)

Blue (78%)

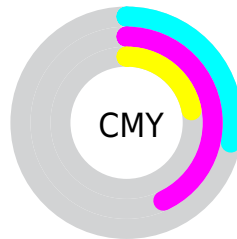


Cyan (8%)

Magenta (27%)

Yellow (0%)

Black (22%)



Cyan (28%)

Magenta (43%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 162.8170, 5.9100, 25.0620 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 162.8170, 5.9100, 25.0620 by changing the saturation by 10% instead.

■ 162.8170, 5.9100,
25.0620

■ 162.8170, 5.9100,
25.0620

255.0000, -0.0000,
-0.0000

■ 136.4040, 5.6350,
24.5390

■ 217.9420, 7.0560,
26.3200

■ 110.5780, 5.0850,
23.4930

■ 238.5640, 7.7000,
14.6440

■ 86.0510, 5.1310,
22.6590

■ 62.2250, 4.5810,
21.6130

■ 39.3990, 4.0310,
20.5670

■ 16.8120, 4.3060,
21.0900

■ 3.0780, -8.6670,

8.3970

■ 0.0000, 0.0000,
0.0000

■ 162.8170, 5.9100,
25.0620

■ 162.8170, 5.9100,
25.0620

■ 149.5820, 8.4300,
34.4620

■ 176.3510, 3.9860,
15.8740

■ 136.0480, 10.3540,
43.6500

■ 189.5860, 1.4660,
6.4740

■ 122.5140, 12.2780,
52.8380

■ 203.1200, -0.4580,
-2.7140

■ 109.2790, 14.7980,
62.2380

■ 216.3550, -2.9780,
-12.1140

■ 95.7450, 16.7220,
71.4260

■ 229.3020, -4.6270,
-20.7790

■ 83.0970, 18.9670,
80.3030

■ 237.2540, -4.6720,
-25.4720

■ 69.5630, 20.8910,
89.4910

■ 239.0480, -1.0960,
-24.2000

■ 65.7420, 21.9450,
92.4170

■ 240.5430, 1.8840,
-23.1400

■ 242.3370, 5.4600,
-21.8680

Harmonies

Analogous

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



159.4370, -25.4950, 16.0170



162.8170, 5.9100, 25.0620



162.5180, 31.6770, 26.1490

Triad

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



162.8170, 5.9100, 25.0620



158.1350, 38.7440, -8.3280



139.8320, -70.6490, -24.7050

Complementary

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



162.8170, 5.9100, 25.0620



181.1830, -5.9100, -25.0620

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.



145.8770, -40.1590, -26.6150



162.8170, 5.9100, 25.0620



155.4480, 18.3890, -19.3950

Square

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



162.8170, 5.9100, 25.0620



159.9550, 48.5990, 5.8070



151.5140, -8.3400, -25.0760



140.7360, -78.7660, -15.2620

Rectangle

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



162.8170, 5.9100, 25.0620



161.7440, 42.5440, 21.9360



151.5140, -8.3400, -25.0760



141.6820, -61.4790, -25.6950

Sweetspot

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



162.8170, 5.9100, 25.0620



241.4660, 1.9240, 9.1880



159.9610, -21.4590, 8.9490



119.1730, 1.1910, 5.9510



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.



162.8170, 5.9100, 25.0620



198.8150, 9.3920, 39.0560



165.9340, 18.7020, 24.5100



93.1190, 1.2830, 4.2830



53.8640, 18.0050, 75.7090



11.8780, 3.9400, 16.7080

Inverse Universe

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



162.8560, 27.3690, 16.1130



198.7380, 42.6810, 24.9610



178.0660, -18.7020, -24.5100



92.9190, 4.7220, 2.5300



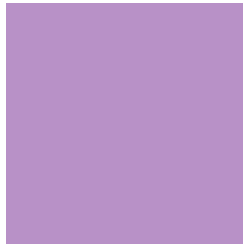
53.8670, 82.7030, 48.5510



11.9040, 18.2460, 10.7420

Previews

White Background



This preview shows how the YIQ color 162.8170, 5.9100, 25.0620 looks on a white background.

Color Contrast Check

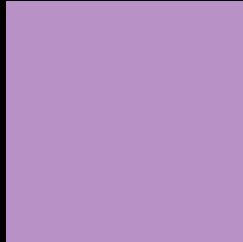
Large Text (above 18pt) WCAG AA × Fail

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 162.8170, 5.9100, 25.0620 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 162.8170, 5.9100, 25.0620

Background



This preview shows how black text looks on a background with the YIQ color 162.8170, 5.9100, 25.0620.



This preview shows how white text looks on a background with the YIQ color 162.8170, 5.9100,

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

162.8170, 5.9100, 25.0620

Protanopia

159.2260, -23.5230, 13.3170

Deuteranopia

160.3750, -13.7570, 12.5390



Tritanopia

161.4410, 12.2400, 9.4560

Trichromacy



Original Color

162.8170, 5.9100, 25.0620

Protanomaly

160.7220, -13.1160, 17.4440

Deuteranomaly

161.4300, -6.4220, 17.2740

Tritanomaly

161.7600, 10.0840, 15.4920

Monochromacy



Original Color

162.8170, 5.9100, 25.0620

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.7650, 2.5200, 9.4000

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.8170, 5.9100, 25.0620 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(184, 145, 199)` looks like.

```
.text, #text, p{  
    color:rgb(184, 145, 199)  
}
```

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(184, 145, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 145, 199) }
```

Border

The CSS property to change the border of an element to YIQ 162.8170, 5.9100, 25.0620 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(184, 145, 199) }
```


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

```
.border{ border-color:rgb(184, 145, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 145, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 145, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 145, 199);  
box-shadow:4px 4px 4px 4px rgb(184, 145,  
199) }
```

Background

The CSS property to change the background color of an element to YIQ 162.8170, 5.9100, 25.0620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 145, 199) }
```

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

```
.background{ background-color: rgb(184,  
145, 199) }
```

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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