

Converting Colors

YIQ(163.1410, 5.3580, 35.0700)

Have a look what the booklet for
YIQ(163.1410, 5.3580, 35.0700)
contains.

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Color

**YIQ(163.1410, 5.3580,
35.0700)**

Conversions

Conversions Part 1

Format	Color
Hex	BE8BD9
RGB	190, 139, 217
RGB Percent	75%, 55%, 85%
CMY	0.2547, 0.4550, 0.1491
CMYK	0.12, 0.36, 0.00, 0.15
HSL	279°, 51%, 70%
HSV	279°, 36%, 85%
XYZ	42.9987, 34.4211, 70.0165
YIQ	163.1410, 5.3580, 35.0700

Conversions

Conversions Part 2

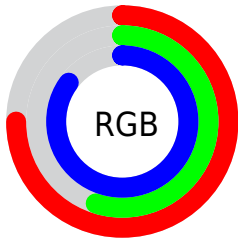
Format	Color
RYB	190, 139, 217
Decimal	12487641
CIELab	65.30, 33.42, -32.46
CIELCh	65, 46.592, 315.834
Yxy	34.4211, 0.2916, 0.2335
Android (android.graphics.Color)	4290677721 (0xFFBE8BD9)
YUV	163.1410, 26.5525, 23.5553
Hunter-Lab	58.6695, 28.1505, -29.6884

Details

The YIQ color $163.1410, 5.3580, 35.0700$ is a light color, and the websafe version is hex $CC99FF$. A complement of this color would be $192.8590, -5.3580, -35.0700$, and the grayscale version is $163.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $216.2140, 12.2820, 30.7300$, and $110.4890, 4.2580, 32.9780$ is the 20% darker color. If you saturate the color by 10%, you get $148.1340, 7.2360, 45.0920$, and if you desaturate by 10%, it is $178.4470, 4.0760, 25.2600$.

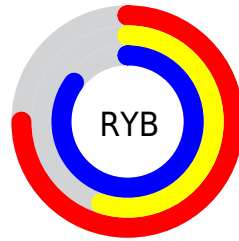
Distribution



Red (75%)

Green (55%)

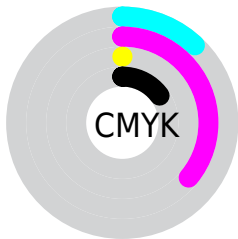
Blue (85%)



Red (75%)

Yellow (55%)

Blue (85%)

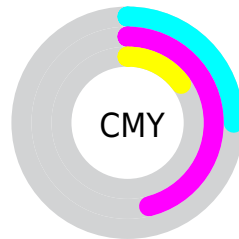


Cyan (12%)

Magenta (36%)

Yellow (0%)

Black (15%)



Cyan (25%)

Magenta (46%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 163.1410, 5.3580, 35.0700 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 163.1410, 5.3580, 35.0700 by changing the saturation by 10% instead.

■ 163.1410, 5.3580,
35.0700

■ 163.1410, 5.3580,
35.0700

255.0000, -0.0000,
-0.0000

■ 136.3150, 4.8080,
34.0240

■ 216.2140, 12.2820,
30.7300

■ 110.4890, 4.2580,
32.9780

■ 235.0420, 9.3500,
17.7820

■ 85.5490, 4.0290,
31.6210

■ 252.0650, 1.3750,
2.6150

■ 61.1360, 3.7540,
31.0980

■ 36.7230, 3.4790,
30.5750

■ 17.4190, 1.2790,
26.3910

■ 5.3430, -10.7310,

12.7650

■ 2.4110, -5.4110,
4.4530

■ 0.0000, 0.0000,
0.0000

■ 163.1410, 5.3580,
35.0700

■ 163.1410, 5.3580,
35.0700

■ 148.1340, 7.2360,
45.0920

■ 178.4470, 4.0760,
25.2600

■ 133.4150, 8.2430,
54.3790

■ 192.8670, 2.4730,
15.7610

■ 118.4080, 10.1210,
64.4010

■ 208.1730, 1.1910,
5.9510

■ 103.1020, 11.4030,
74.2110

■ 223.1800, -0.6870,
-4.0710

88.0950, 13.2810,
84.2330

237.8990, -1.6940,
-13.3580

73.3760, 14.2880,
93.5200

244.6880, 0.2780,
-16.0580

67.1960, 14.9750,
97.5910

247.0800, 5.0460,
-14.3620

249.1730, 9.2180,
-12.8780

250.6680, 12.1980,
-11.8180

Harmonies

Analogous

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



156.8020, -42.4600, 20.6120



163.1410, 5.3580, 35.0700



162.0560, 42.2660, 37.9940

Triad

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



163.1410, 5.3580, 35.0700



155.9270, 53.8290, -11.8910



126.1800, -107.2800, -38.1600

Complementary

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



163.1410, 5.3580, 35.0700



192.8590, -5.3580, -35.0700

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.



134.1460, -66.3820, -41.4700



163.1410, 5.3580, 35.0700



152.6690, 27.6520, -27.5800

Square

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



163.1410, 5.3580, 35.0700



157.9310, 66.3420, 9.1420



147.1080, -10.4930, -35.6210



128.6370, -118.3320, -25.0840

Rectangle

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



163.1410, 5.3580, 35.0700



160.0930, 58.0390, 32.9750



147.1080, -10.4930, -35.6210



124.5840, -102.7860, -42.5140

Sweetspot

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



163.1410, 5.3580, 35.0700



235.5740, 1.7400, 12.5240



163.7410, -32.4630, 10.1370



116.2270, 1.0990, 7.6190



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.



163.1410, 5.3580, 35.0700



179.0680, 7.6020, 49.4740



169.8460, 25.3020, 37.0620



102.3470, 0.6410, 4.9050



53.8080, 12.4110, 77.9710



14.2140, 3.1140, 20.6660

Inverse Universe

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



165.4000, 37.8210, 24.9330



182.2220, 53.3620, 35.1380



186.1540, -25.3020, -37.0620



102.6310, 5.5930, 3.2650



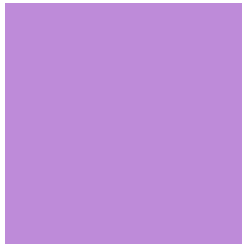
58.5670, 83.8480, 55.3360



15.5780, 22.2800, 14.7280

Previews

White Background



This preview shows how the YIQ color 163.1410, 5.3580, 35.0700 looks on a white background.

Color Contrast Check

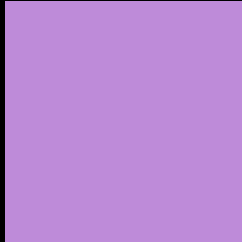
Large Text (above 18pt) WCAG AA × Fail

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 163.1410, 5.3580, 35.0700 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 163.1410, 5.3580, 35.0700

Background



This preview shows how black text looks on a background with the YIQ color 163.1410, 5.3580, 35.0700.



This preview shows how white text looks on a background with the YIQ color 163.1410, 5.3580,

35.0700.

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

163.1410, 5.3580, 35.0700

Protanopia

157.9720, -37.1870, 18.6610

Deuteranopia

158.7250, -26.3660, 15.2820



Tritanopia

160.9360, 15.2200, 10.5160

Trichromacy



Original Color

163.1410, 5.3580, 35.0700



Protanomaly

159.8600, -22.0120, 24.4840



Deuteranomaly

160.4000, -14.9050, 22.3350



Tritanomaly

161.7650, 11.6880, 19.4640

Monochromacy



Original Color

163.1410, 5.3580, 35.0700



Achromatopsia

163.0000, -0.0000, -0.0000



Achromatomaly

162.9870, 2.0150, 13.0470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 163.1410, 5.3580, 35.0700 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(190, 139, 217)` looks like.

```
.text, #text, p{  
    color:rgb(190, 139, 217)  
}
```

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(190, 139, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 139, 217) }
```

Border

The CSS property to change the border of an element to YIQ 163.1410, 5.3580, 35.0700 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(190, 139, 217) }
```


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

```
.border{ border-color:rgb(190, 139, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 139, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 139, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 139, 217);  
box-shadow:4px 4px 4px 4px rgb(190, 139,  
217) }
```

Background

The CSS property to change the background color of an element to YIQ 163.1410, 5.3580, 35.0700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 139, 217) }
```

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

```
.background{ background-color: rgb(190,  
139, 217) }
```

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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