

Converting Colors

YIQ(164.2540, 5.6370, 13.4850)

Have a look what the booklet for
YIQ(164.2540, 5.6370, 13.4850)
contains.

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Color

**YIQ(164.2540, 5.6370,
13.4850)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B29AB5 |
| RGB | 178, 154, 181 |
| RGB Percent | 70%, 60%, 71% |
| CMY | 0.3019, 0.3961, 0.2902 |
| CMYK | 0.02, 0.15, 0.00, 0.29 |
| HSL | 293°, 15%, 66% |
| HSV | 293°, 15%, 71% |
| XYZ | 38.2589, 35.9113, 48.6314 |
| YIQ | 164.2540, 5.6370, 13.4850 |

Conversions

Conversions Part 2

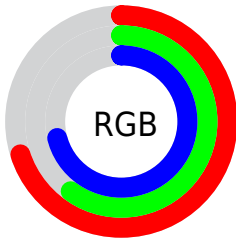
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 178, 154, 181 |
| Decimal | 11705013 |
| CIELab | 66.45, 13.78, -10.72 |
| CIElCh | 66, 17.459, 322.118 |
| Yxy | 35.9113, 0.3116, 0.2924 |
| Android (android.graphics.Color) | 4289895093 (0xFFB29AB5) |
| YUV | 164.2540, 8.2558, 12.0552 |
| Hunter-Lab | 59.9260, 9.0901, -6.1670 |

Details

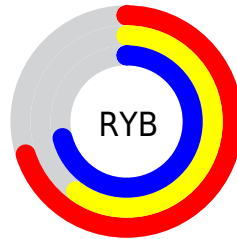
The YIQ color $164.2540, 5.6370, 13.4850$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $170.7460, -5.6370, -13.4850$, and the grayscale version is $164.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $219.0800, 6.1870, 14.5310$, and $112.4280, 5.0870, 12.4390$ is the 20% darker color. If you saturate the color by 10%, you get $153.0900, 9.3950, 22.4750$, and if you desaturate by 10%, it is $175.4180, 1.8790, 4.4950$.

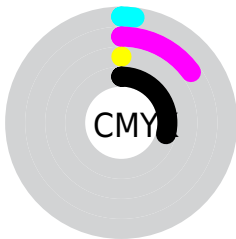
Distribution



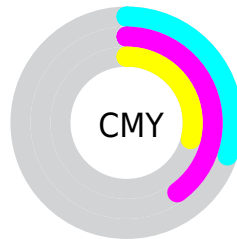
- Red (70%)
- Green (60%)
- Blue (71%)



- Red (70%)
- Yellow (60%)
- Blue (71%)



- Cyan (2%)
- Magenta (15%)
- Yellow (0%)
- Black (29%)



- Cyan (30%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.2540, 5.6370, 13.4850 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 164.2540, 5.6370, 13.4850 by changing the saturation by 10% instead.

■ 164.2540, 5.6370,
13.4850

■ 164.2540, 5.6370,
13.4850

255.0000, -0.0000,
-0.0000

■ 137.8410, 5.3620,
12.9620

■ 219.0800, 6.1870,
14.5310

■ 112.4280, 5.0870,
12.4390

■ 244.4340, 4.9500,
9.4140

■ 88.0150, 4.8120,
11.9160

■ 64.6020, 4.5370,
11.3930

■ 42.1890, 4.2620,
10.8700

■ 21.1890, 4.2620,
10.8700

■ 1.2540, -3.5310,

3.4210

0.0000, 0.0000,
0.0000

164.2540, 5.6370,
13.4850

164.2540, 5.6370,
13.4850

153.0900, 9.3950,
22.4750

175.4180, 1.8790,
4.4950

141.9260, 13.1530,
31.4650

186.5820, -1.8790,
-4.4950

130.7620, 16.9110,
40.4550

197.7460, -5.6370,
-13.4850

119.5980, 20.6690,
49.4450

208.9100, -9.3950,
-22.4750

107.8470, 24.7020,
58.9580

220.0740,
-13.1530, -31.4650

■ 96.6830, 28.4600,
67.9480

■ 227.1290,
-14.9860, -36.7940

■ 85.5190, 32.2180,
76.9380

■ 227.7270,
-13.7940, -36.3700

■ 74.3550, 35.9760,
85.9280

■ 228.3250,
-12.6020, -35.9460

■ 68.7730, 37.8550,
90.4230

■ 228.9230,
-11.4100, -35.5220

Harmonies

Analogous

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



162.5340, -9.9510, 9.6410



164.2540, 5.6370, 13.4850



164.6700, 19.0250, 13.1450

Triad

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



164.2540, 5.6370, 13.4850



161.4890, 20.3120, -4.6800



155.9790, -31.0380, -10.1900

Complementary

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



164.2540, 5.6370, 13.4850



170.7460, -5.6370, -13.4850

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.



155.9600, -20.8590, -12.9470



164.2540, 5.6370, 13.4850



159.4550, 8.4840, -10.5880

Square

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



164.2540, 5.6370, 13.4850



162.8260, 26.9130, 2.3450



157.5610, -6.5540, -13.3860



156.5970, -32.5980, -3.9420

Rectangle

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



164.2540, 5.6370, 13.4850



164.4270, 24.0230, 10.6710



157.5610, -6.5540, -13.3860



155.7080, -28.8370, -11.5330

Sweetspot

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



164.2540, 5.6370, 13.4850



228.8310, 2.1540, 5.0180



158.8390, -9.4920, 6.8280



113.4780, 1.6500, 3.1380



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



164.2540, 5.6370, 13.4850



208.2640, 8.8450, 21.4290



164.0110, 10.6350, 11.0110



83.4180, 1.8790, 4.4950



58.1060, 31.9430, 76.4150



9.8410, 5.3620, 12.9620

Inverse Universe

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



162.4150, 15.1290, 6.6570



205.4270, 24.0230, 10.6710



170.9890, -10.6350, -11.0110



82.8050, 5.0430, 2.2190



47.6850, 85.7310, 37.7230



8.1160, 14.5330, 6.4450

Previews

White Background



This preview shows how the YIQ color 164.2540, 5.6370, 13.4850 looks on a white background.

Color Contrast Check

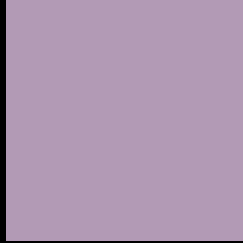
Large Text (above 18pt) WCAG AA × Fail

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 164.2540, 5.6370, 13.4850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

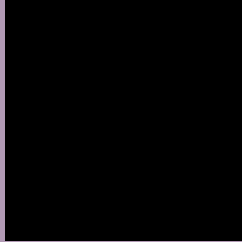
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.2540, 5.6370, 13.4850

Background



This preview shows how black text looks on a background with the YIQ color 164.2540, 5.6370, 13.4850.



This preview shows how white text looks on a background with the YIQ color 164.2540, 5.6370,

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

164.2540, 5.6370, 13.4850

Protanopia

162.2520, -9.2170, 7.3510

Deuteranopia

163.2100, -0.2310, 9.6970



Tritanopia

163.3480, 8.0680, 7.9720

Trichromacy



Original Color

164.2540, 5.6370, 13.4850

Protanomaly

163.0570, -4.1740, 9.5700

Deuteranomaly

163.5200, 1.8320, 10.8560

Tritanomaly

163.6300, 7.3340, 10.2620

Monochromacy



Original Color

164.2540, 5.6370, 13.4850

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

163.8310, 2.1540, 5.0180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.2540, 5.6370, 13.4850 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(178, 154, 181)` looks like.

```
.text, #text, p{  
    color:rgb(178, 154, 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(178, 154, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 154, 181) }
```

Border

The CSS property to change the border of an element to YIQ 164.2540, 5.6370, 13.4850 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(178, 154, 181) }
```


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

```
.border{ border-color:rgb(178, 154, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 154, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 154, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 154, 181);  
box-shadow:4px 4px 4px 4px rgb(178, 154,  
181) }
```

Background

The CSS property to change the background color of an element to YIQ 164.2540, 5.6370, 13.4850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 154, 181) }
```

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

```
.background{ background-color: rgb(178,  
154, 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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