

Converting Colors

YIQ(150.4650, 3.6650, 16.1850)

Have a look what the booklet for
YIQ(150.4650, 3.6650, 16.1850)
contains.

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Color

**YIQ(150.4650, 3.6650,
16.1850)**

Conversions

Conversions Part 1

Format	Color
Hex	A48BAE
RGB	164, 139, 174
RGB Percent	64%, 55%, 68%
CMY	0.3568, 0.4549, 0.3177
CMYK	0.06, 0.20, 0.00, 0.32
HSL	283°, 18%, 61%
HSV	283°, 20%, 68%
XYZ	32.1849, 29.4128, 44.0237
YIQ	150.4650, 3.6650, 16.1850

Conversions

Conversions Part 2

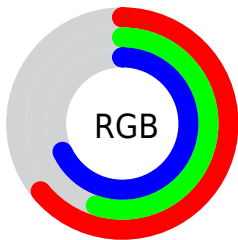
Format	Color
RYB	164, 139, 174
Decimal	10783662
CIELab	61.14, 15.99, -14.88
CIElCh	61, 21.841, 317.047
Yxy	29.4128, 0.3047, 0.2785
Android (android.graphics.Color)	4288973742 (0xFFA48BAE)
YUV	150.4650, 11.6028, 11.8702
Hunter-Lab	54.2336, 11.0220, -10.1647

Details

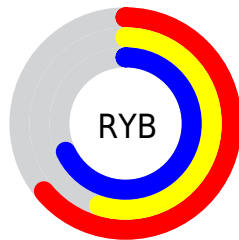
The YIQ color $150.4650, 3.6650, 16.1850$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $162.5350, -3.6650, -16.1850$, and the grayscale version is $150.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $204.9920, 3.6190, 17.0190$, and $99.6390, 3.1150, 15.1390$ is the 20% darker color. If you saturate the color by 10%, you get $138.9910, 5.3600, 24.0160$, and if you desaturate by 10%, it is $161.9390, 1.9700, 8.3540$.

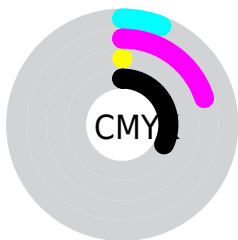
Distribution



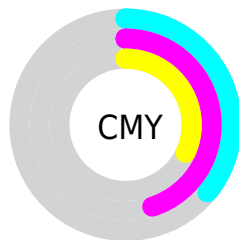
- Red (64%)
- Green (55%)
- Blue (68%)



- Red (64%)
- Yellow (55%)
- Blue (68%)



- Cyan (6%)
- Magenta (20%)
- Yellow (0%)
- Black (32%)



- Cyan (36%)
- Magenta (45%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 150.4650, 3.6650, 16.1850 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 150.4650, 3.6650, 16.1850 by changing the saturation by 10% instead.

150.4650, 3.6650,
16.1850

150.4650, 3.6650,
16.1850

255.0000, -0.0000,
-0.0000

124.3510, 3.9860,
15.8740

204.9920, 3.6190,
17.0190

99.6390, 3.1150,
15.1390

232.9490, 5.1780,
16.2980

75.2260, 2.8400,
14.6160

251.4780, 1.6500,
3.1380

52.6990, 2.8860,
13.7820

30.8730, 2.3360,
12.7360

10.2970, 4.0780,
14.2060

0.0000, 0.0000,

0.0000

■ 150.4650, 3.6650,
16.1850

■ 150.4650, 3.6650,
16.1850

■ 138.9910, 5.3600,
24.0160

■ 161.9390, 1.9700,
8.3540

■ 126.9300, 7.3300,
32.3700

■ 174.0000, -0.0000,
-0.0000

■ 115.4560, 9.0250,
40.2010

■ 185.4740, -1.6950,
-7.8310

■ 103.3950, 10.9950,
48.5550

■ 197.5350, -3.6650,
-16.1850

■ 91.9210, 12.6900,
56.3860

■ 209.0090, -5.3600,
-24.0160

■ 80.4470, 14.3850,
64.2170

■ 220.4830, -7.0550,
-31.8470

■ 68.3860, 16.3550,
72.5710

■ 229.0220, -7.3750,
-37.0630

■ 56.9120, 18.0500,
80.4020

■ 230.5170, -4.3950,
-36.0030

■ 232.0120, -1.4150,
-34.9430

Harmonies

Analogous

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



148.2390, -16.3700, 10.3340



150.4650, 3.6650, 16.1850



150.6750, 20.6290, 17.1170

Triad

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



150.4650, 3.6650, 16.1850



147.3110, 26.6850, -4.5390



138.5650, -38.7400, -13.7800

Complementary

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



150.4650, 3.6650, 16.1850



162.5350, -3.6650, -16.1850

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.



140.4710, -23.9760, -17.0320



150.4650, 3.6650, 16.1850



145.5540, 12.5190, -12.1290

Square

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



150.4650, 3.6650, 16.1850



148.8160, 32.8730, 4.4650



143.0510, -5.1780, -16.2980



139.6280, -43.0510, -7.2350

Rectangle

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



150.4650, 3.6650, 16.1850



150.6880, 27.7820, 14.1340



143.0510, -5.1780, -16.2980



139.6640, -34.7050, -15.3210

Sweetspot

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



150.4650, 3.6650, 16.1850



217.5860, 1.4660, 6.4740



148.8600, -13.9850, 5.6550



109.4070, 0.4120, 3.5480



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



150.4650, 3.6650, 16.1850



189.9310, 5.5890, 25.3730



152.6570, 11.8720, 16.1280



80.8200, 0.6870, 4.0710



49.3920, 16.2180, 69.5460



7.4060, 2.1530, 10.5450

Inverse Universe

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



150.6050, 17.6500, 10.5300



190.2690, 27.6440, 16.6360



160.3430, -11.8720, -16.1280



81.0330, 4.4010, 2.8410



49.7520, 75.5970, 45.1730



7.6750, 11.4610, 7.0530

Previews

White Background



This preview shows how the YIQ color 150.4650, 3.6650, 16.1850 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 150.4650, 3.6650, 16.1850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

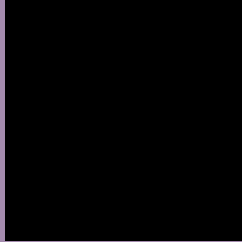
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 150.4650, 3.6650, 16.1850

Background



This preview shows how black text looks on a background with the YIQ color 150.4650, 3.6650, 16.1850.



This preview shows how white text looks on a background with the YIQ color 150.4650, 3.6650,

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

150.4650, 3.6650, 16.1850

Protanopia

148.2670, -13.5730, 9.2030

Deuteranopia

149.1000, -5.7330, 10.2910



Tritanopia

149.6360, 7.1970, 7.2370

Trichromacy



Original Color

150.4650, 3.6650, 16.1850

Protanomaly

148.6700, -7.3380, 11.8460

Deuteranomaly

149.4210, -2.2030, 12.3970

Tritanomaly

150.1460, 5.8210, 10.1490

Monochromacy



Original Color

150.4650, 3.6650, 16.1850

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

150.1730, 1.1910, 5.9510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 150.4650, 3.6650, 16.1850 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(164, 139, 174)` looks like.

```
.text, #text, p{  
    color:rgb(164, 139, 174)  
}
```

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(164, 139, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 139, 174) }
```

Border

The CSS property to change the border of an element to YIQ 150.4650, 3.6650, 16.1850 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(164, 139, 174) }
```


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

```
.border{ border-color:rgb(164, 139, 174) }
```

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

Here you see how a box with a 4 pixel rgb(164, 139, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 139, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 139, 174);  
box-shadow:4px 4px 4px 4px rgb(164, 139,  
174) }
```

Background

The CSS property to change the background color of an element to YIQ 150.4650, 3.6650, 16.1850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 139, 174) }
```

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

```
.background{ background-color: rgb(164,  
139, 174) }
```

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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