

Converting Colors

YIQ(165.1240, 1.7460, -20.6380)

Have a look what the booklet for
YIQ(165.1240, 1.7460, -20.6380)
contains.

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Color

**YIQ(165.1240, 1.7460,
-20.6380)**

Conversions

Conversions Part 1

Format	Color
Hex	9AB280
RGB	154, 178, 128
RGB Percent	60%, 70%, 50%
CMY	0.3962, 0.3019, 0.4980
CMYK	0.14, 0.00, 0.28, 0.30
HSL	89°, 25%, 60%
HSV	89°, 28%, 70%
XYZ	33.1416, 40.2714, 26.4525
YIQ	165.1240, 1.7460, -20.6380

Conversions

Conversions Part 2

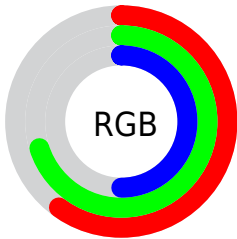
Format	Color
RYB	128, 178, 152
Decimal	10138240
CIELab	69.66, -17.31, 22.90
CIELCh	70, 28.705, 127.089
Yxy	40.2714, 0.3319, 0.4033
Android (android.graphics.Color)	4288328320 (0xFF9AB280)
YUV	165.1240, -18.3021, -9.7557
Hunter-Lab	63.4597, -17.8337, 19.7074

Details

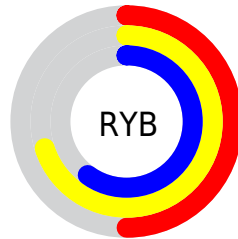
The YIQ color **165.1240, 1.7460, -20.6380** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **140.8760, -1.7460, 20.6380**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.4830, 2.1130, -21.7830**, and **112.7650, 1.3790, -19.4930** is the 20% darker color. If you saturate the color by 10%, you get **160.3810, 2.1600, -28.1440**, and if you desaturate by 10%, it is **169.8670, 1.3320, -13.1320**.

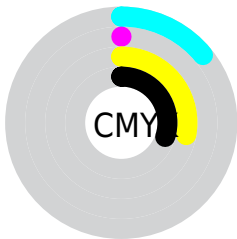
Distribution



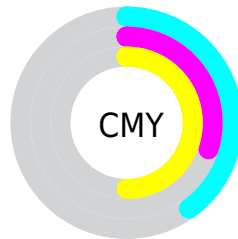
- Red (60%)
- Green (70%)
- Blue (50%)



- Red (50%)
- Yellow (70%)
- Blue (60%)



- Cyan (14%)
- Magenta (0%)
- Yellow (28%)
- Black (30%)





- Cyan (40%)
- Magenta (30%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 165.1240, 1.7460, -20.6380 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 165.1240, 1.7460, -20.6380 by changing the saturation by 10% instead.

 165.1240, 1.7460,
-20.6380

 165.1240, 1.7460,
-20.6380


255.0000, -0.0000,
-0.0000


 138.6510, 1.7000,
-19.8040


 220.4830, 2.1130,
-21.7830


 112.7650, 1.3790,
-19.4930

 244.3740, 4.0380,
-18.1220

 88.2920, 1.3330,
-18.6590

 252.9480, 5.7780,
-5.5980

 64.5200, 0.6910,
-18.0370

 41.6340, 0.3700,
-17.7260

 21.4750, -3.4360,
-14.8280

 0.0000, 0.0000,

0.0000

■ 165.1240, 1.7460,
-20.6380

■ 165.1240, 1.7460,
-20.6380

■ 160.3810, 2.1600,
-28.1440

■ 169.8670, 1.3320,
-13.1320

■ 155.9370, 3.1700,
-35.4380

■ 174.3110, 0.3220,
-5.8380

■ 151.3080, 3.2630,
-42.6330

■ 178.9400, 0.2290,
1.3570

■ 146.8640, 4.2730,
-49.9270

■ 183.3840, -0.7810,
8.6510

■ 142.1210, 4.6870,
-57.4330

■ 188.1270, -1.1950,
16.1570

■ 137.6770, 5.6970,
-64.7270

■ 192.5710, -2.2050,
23.4510

■ 132.9340, 6.1110,
-72.2330

■ 197.3140, -2.6190,
30.9570

■ 131.9940, 5.8820,
-73.5900

■ 199.9340, 1.5070,
33.2750

■ 202.6250, 6.8710,
35.1830

Harmonies

Analogous

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



168.5460, 24.1650, -13.9390



165.1240, 1.7460, -20.6380



161.4830, -24.2500, -23.0820

Triad

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



165.1240, 1.7460, -20.6380



161.8150, -53.6430, -2.4990



173.8250, 37.8220, 19.4060

Complementary

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



165.1240, 1.7460, -20.6380



140.8760, -1.7460, 20.6380

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.



174.6630, 20.9030, 23.1670



165.1240, 1.7460, -20.6380



169.2250, -30.9500, 10.2500

Square

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



165.1240, 1.7460, -20.6380



156.9460, -61.8020, -14.3300



173.0930, -3.8550, 20.3130



172.1380, 43.8300, 9.6380

Rectangle

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



165.1240, 1.7460, -20.6380



158.4410, -41.6270, -22.0350



173.0930, -3.8550, 20.3130



173.9540, 33.1450, 21.5690

Sweetspot

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



165.1240, 1.7460, -20.6380



227.1430, 0.7350, -7.8170



156.4510, 23.4750, -1.4290



114.2510, 0.5510, -4.4810



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.



165.1240, 1.7460, -20.6380



211.6320, 2.7110, -32.6250



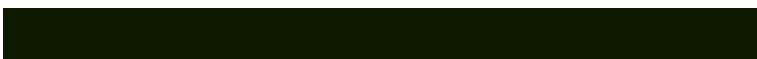
157.9480, -12.5580, -25.7260



86.7780, 0.5050, -3.6470



113.4320, 5.0090, -63.2710



19.1490, 0.5980, -10.8420

Inverse Universe

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



140.8760, -1.7460, 20.6380



173.3680, -2.7110, 32.6250



148.0520, 12.5580, 25.7260



82.5210, 0.0910, 3.8590



39.5680, -5.0090, 63.2710



6.5520, -1.1940, 10.6300

Previews

White Background



This preview shows how the YIQ color 165.1240, 1.7460, -20.6380 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 165.1240, 1.7460, -20.6380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

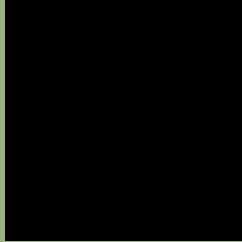
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 165.1240, 1.7460, -20.6380

Background



This preview shows how black text looks on a background with the YIQ color 165.1240, 1.7460, -20.6380.



This preview shows how white text looks on a background with the YIQ color 165.1240, 1.7460, -20.6380.

-20.6380.

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

165.1240, 1.7460, -20.6380

Protanopia

168.3440, 21.9180, -11.7620

Deuteranopia

170.1160, 31.7280, -2.3200



Tritanopia

169.7910, -9.5370, 2.1350

Trichromacy



Original Color

165.1240, 1.7460, -20.6380

Protanomaly

167.2290, 14.8120, -15.1400

Deuteranomaly

168.1530, 21.1380, -8.6380

Tritanomaly

168.3750, -5.7300, -6.2900

Monochromacy



Original Color

165.1240, 1.7460, -20.6380

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

165.2570, 0.4140, -7.5060

CSS Examples

Text

The CSS property to change the color of the text to YIQ 165.1240, 1.7460, -20.6380 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(154, 178, 128)` looks like.

```
.text, #text, p{  
    color:rgb(154, 178, 128)  
}
```

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(154, 178, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 178, 128) }
```

Border

The CSS property to change the border of an element to YIQ 165.1240, 1.7460, -20.6380 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(154, 178, 128) }
```


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

```
.border{ border-color:rgb(154, 178, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 178, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 178, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 178, 128);  
box-shadow:4px 4px 4px 4px rgb(154, 178,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 165.1240, 1.7460, -20.6380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 178, 128) }
```

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

```
.background{ background-color: rgb(154,  
178, 128) }
```

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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