

Converting Colors

YIQ(162.8780, 19.9940,
-20.9500)

Have a look what the booklet for
YIQ(162.8780, 19.9940, -20.9500)
contains.

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Color

**YIQ(162.8780, 19.9940,
-20.9500)**

Conversions

Conversions Part 1

Format	Color
Hex	A9AB69
RGB	169, 171, 105
RGB Percent	66%, 67%, 41%
CMY	0.3373, 0.3294, 0.5881
CMYK	0.01, 0.00, 0.39, 0.33
HSL	62°, 28%, 54%
HSV	62°, 39%, 67%
XYZ	33.4742, 38.5804, 19.0561
YIQ	162.8780, 19.9940, -20.9500

Conversions

Conversions Part 2

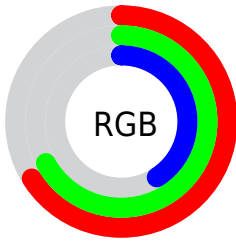
Format	Color
RYB	105, 171, 107
Decimal	11119465
CIELab	68.45, -10.90, 33.73
CIELCh	68, 35.441, 107.904
Yxy	38.5804, 0.3674, 0.4234
Android (android.graphics.Color)	4289309545 (0xFFA9AB69)
YUV	162.8780, -28.5339, 5.3690
Hunter-Lab	62.1131, -12.5001, 25.2893

Details

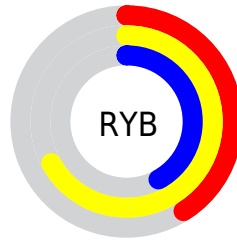
The YIQ color **162.8780, 19.9940, -20.9500** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **113.1220, -19.9940, 20.9500**, and the grayscale version is **163.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **217.8350, 21.5530, -21.6710**, and **110.9210, 18.4350, -20.2290** is the 20% darker color. If you saturate the color by 10%, you get **160.6410, 24.8550, -26.4490**, and if you desaturate by 10%, it is **165.1150, 15.1330, -15.4510**.

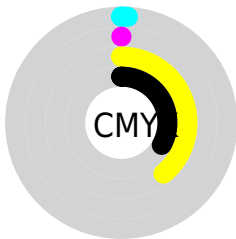
Distribution



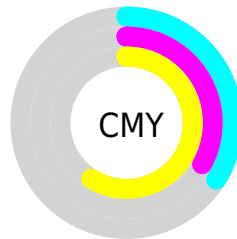
- Red (66%)
- Green (67%)
- Blue (41%)



- Red (41%)
- Yellow (67%)
- Blue (42%)



- Cyan (1%)
- Magenta (0%)
- Yellow (39%)
- Black (33%)





- Cyan (34%)
- Magenta (33%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 162.8780, 19.9940, -20.9500 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 162.8780, 19.9940, -20.9500 by changing the saturation by 10% instead.


 162.8780, 19.9940,
-20.9500


 162.8780, 19.9940,
-20.9500


255.0000, -0.0000,
-0.0000


 136.6930, 19.0770,
-20.8510


 217.8350, 21.5530,
-21.6710

 110.9210, 18.4350,
-20.2290


 246.6070, 22.1950,
-22.2930


 85.8500, 17.1970,
-19.8190

 250.0980, 13.8030,
-13.3730

 62.0240, 16.6470,
-20.8650

 253.4040, 4.4940,
-4.3540

 41.0330, 12.4280,
-15.9880

 21.5190, 2.4320,
-11.0400

 0.0000, 0.0000,

0.0000

■ 162.8780, 19.9940,
-20.9500

■ 162.8780, 19.9940,
-20.9500

■ 160.6410, 24.8550,
-26.4490

■ 165.1150, 15.1330,
-15.4510

■ 158.7030, 30.3120,
-31.7360

■ 167.0530, 9.6760,
-10.1640

■ 156.4660, 35.1730,
-37.2350

■ 169.2900, 4.8150,
-4.6650

■ 154.5280, 40.6300,
-42.5220

■ 171.2280, -0.6420,
0.6220

■ 152.2910, 45.4910,
-48.0210

■ 173.5790, -5.8240,
6.4320

■ 150.2390, 51.2690,
-53.6190

■ 175.5170,
-11.2810, 11.7190

■ 150.0110, 51.9110,
-54.2410

■ 177.7540,
-16.1420, 17.2180

■ 179.6920,
-21.5990, 22.5050

■ 181.4730,
-25.1760, 26.7600

Harmonies

Analogous

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



165.5760, 41.8160, -8.9360



162.8780, 19.9940, -20.9500



158.8620, -9.4400, -27.1680

Triad

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



162.8780, 19.9940, -20.9500



145.7780, -87.7520, -17.6080



171.2410, 34.0150, 27.8310

Complementary

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



162.8780, 19.9940, -20.9500



113.1220, -19.9940, 20.9500

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.



171.1700, 6.4140, 26.9420



162.8780, 19.9940, -20.9500



158.1440, -61.7590, 1.4170

Square

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



162.8780, 19.9940, -20.9500



144.6460, -78.9930, -27.6730



167.1210, -27.4210, 17.8830



169.6970, 49.9260, 20.3100

Rectangle

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



162.8780, 19.9940, -20.9500



154.7160, -32.4560, -28.5520



167.1210, -27.4210, 17.8830



171.5760, 25.7620, 28.7220

Sweetspot

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



162.8780, 19.9940, -20.9500



218.6230, 8.0710, -8.6090



125.3210, 39.0610, 13.4690



110.1760, 5.1360, -4.9760



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



162.8780, 19.9940, -20.9500



209.4750, 30.9540, -32.3580



153.3100, 0.9220, -27.7340



85.6750, 2.2930, -3.0110



131.7040, 45.7660, -47.4980



20.0790, 6.7870, -7.3650

Inverse Universe

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



113.1220, -19.9940, 20.9500



132.5250, -30.9540, 32.3580



122.6900, -0.9220, 27.7340



79.0260, -2.8890, 2.7990



18.5950, -45.1700, 47.7100



2.9210, -6.7870, 7.3650

Previews

White Background



This preview shows how the YIQ color 162.8780, 19.9940, -20.9500 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 162.8780, 19.9940, -20.9500 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 162.8780, 19.9940, -20.9500

Background



This preview shows how black text looks on a background with the YIQ color 162.8780, 19.9940, -20.9500.



This preview shows how white text looks on a background with the YIQ color 162.8780, 19.9940,

-20.9500.

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

162.8780, 19.9940, -20.9500

Protanopia

164.1890, 29.4840, -16.7240

Deuteranopia

165.7440, 41.4030, -6.9570



Tritanopia

168.5540, 4.4920, 6.7000

Trichromacy



Original Color

162.8780, 19.9940, -20.9500

Protanomaly

163.3950, 25.9080, -17.9960

Deuteranomaly

164.3900, 33.4720, -11.9040

Tritanomaly

166.5680, 9.9040, -3.2800

Monochromacy



Original Color

162.8780, 19.9940, -20.9500

Achromatopsia

163.0000, -0.0000, -0.0000

Achromatomaly

162.9650, 7.1080, -7.6760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 162.8780, 19.9940, -20.9500 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(169, 171, 105)` looks like.

```
.text, #text, p{  
    color:rgb(169, 171, 105)  
}
```

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(169, 171, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 171, 105) }
```

Border

The CSS property to change the border of an element to YIQ 162.8780, 19.9940, -20.9500 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(169, 171, 105) }
```


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

```
.border{ border-color:rgb(169, 171, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 171, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 171, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 171, 105);  
box-shadow:4px 4px 4px 4px rgb(169, 171,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 162.8780, 19.9940, -20.9500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 171, 105) }
```

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

```
.background{ background-color: rgb(169,  
171, 105) }
```

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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