

Converting Colors

YIQ(164.8820, 14.1710,
-20.0450)

Have a look what the booklet for
YIQ(164.8820, 14.1710, -20.0450)
contains.

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Color

**YIQ(164.8820, 14.1710,
-20.0450)**

Conversions

Conversions Part 1

Format	Color
Hex	A6AE73
RGB	166, 174, 115
RGB Percent	65%, 68%, 45%
CMY	0.3491, 0.3176, 0.5489
CMYK	0.05, 0.00, 0.34, 0.32
HSL	68°, 27%, 57%
HSV	68°, 34%, 68%
XYZ	33.9556, 39.6172, 22.0847
YIQ	164.8820, 14.1710, -20.0450

Conversions

Conversions Part 2

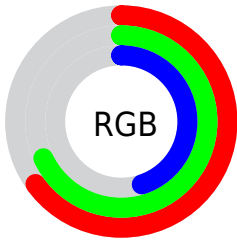
Format	Color
R_{YB}	115, 174, 123
Decimal	10923635
CIE _{Lab}	69.20, -12.44, 29.38
CIE _{LCh}	69, 31.906, 112.953
Yxy	39.6172, 0.3550, 0.4142
Android (android.graphics.Color)	4289113715 (0xFFA6AE73)
YUV	164.8820, -24.5918, 0.9805
Hunter-Lab	62.9422, -13.8530, 23.2563

Details

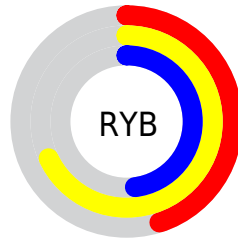
The YIQ color **164.8820, 14.1710, -20.0450** is a light color, and the websafe version is hex **999966**. A complement of this color would be **124.1180, -14.1710, 20.0450**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.9530, 15.4090, -20.4550**, and **112.9250, 12.6120, -19.3240** is the 20% darker color. If you saturate the color by 10%, you get **162.3460, 18.4360, -25.7560**, and if you desaturate by 10%, it is **167.4180, 9.9060, -14.3340**.

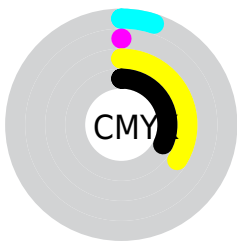
Distribution



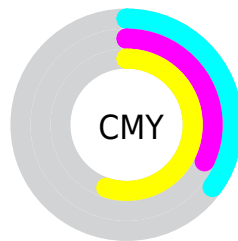
- Red (65%)
- Green (68%)
- Blue (45%)



- Red (45%)
- Yellow (68%)
- Blue (48%)



- Cyan (5%)
- Magenta (0%)
- Yellow (34%)
- Black (32%)



- Cyan (35%)
- Magenta (32%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.8820, 14.1710, -20.0450 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 164.8820, 14.1710, -20.0450 by changing the saturation by 10% instead.

■ 164.8820, 14.1710,
-20.0450

■ 164.8820, 14.1710,
-20.0450

255.0000, -0.0000,
-0.0000

■ 138.1100, 13.5290,
-19.4230

■ 219.9530, 15.4090,
-20.4550

■ 112.9250, 12.6120,
-19.3240

■ 246.9640, 16.8760,
-19.5080

■ 88.1530, 11.9700,
-18.7020

■ 251.3520, 10.2720,
-9.9520

■ 64.2670, 11.6490,
-18.3910

254.6580, 0.9630,
-0.9330

■ 42.1960, 10.4110,
-17.9810

■ 22.6930, 1.8820,
-12.0860

■ 0.0000, 0.0000,

0.0000

■ 164.8820, 14.1710,
-20.0450

■ 164.8820, 14.1710,
-20.0450

■ 162.3460, 18.4360,
-25.7560

■ 167.4180, 9.9060,
-14.3340

■ 159.3970, 22.4260,
-31.9900

■ 170.3670, 5.9160,
-8.1000

■ 156.8610, 26.6910,
-37.7010

■ 172.9030, 1.6510,
-2.3890

■ 154.2110, 31.2770,
-43.7230

■ 175.5530, -2.9350,
3.6330

■ 151.3760, 34.9460,
-49.6460

■ 178.3880, -6.6040,
9.5560

■ 148.8400, 39.2110,
-55.3570

■ 180.9240,
-10.8690, 15.2670

■ 146.9880, 41.5500,
-59.2020

■ 183.8730,
-14.8590, 21.5010

■ 186.4090,
-19.1240, 27.2120

■ 187.1210,
-18.2530, 27.9470

Harmonies

Analogous

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



167.9280, 34.8930, -10.1230



164.8820, 14.1710, -20.0450



161.1760, -13.2000, -25.1040

Triad

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



164.8820, 14.1710, -20.0450



154.8620, -70.1930, -10.9370



173.1330, 34.1990, 24.4950

Complementary

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



164.8820, 14.1710, -20.0450



124.1180, -14.1710, 20.0450

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.



173.1550, 10.7700, 25.0900



164.8820, 14.1710, -20.0450



163.7820, -48.8760, 4.7240

Square

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



164.8820, 14.1710, -20.0450



151.4950, -68.0820, -21.6660



170.3130, -19.2140, 17.8260



171.3220, 46.4880, 16.5360

Rectangle

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



164.8820, 14.1710, -20.0450



158.1120, -33.5110, -25.9510



170.3130, -19.2140, 17.8260



173.0660, 27.1380, 25.8100

Sweetspot

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



164.8820, 14.1710, -20.0450



223.4810, 5.5950, -7.7890



137.3370, 32.9640, 8.3240



112.8060, 3.3020, -4.7780



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.



164.8820, 14.1710, -20.0450



212.5110, 22.1050, -31.6790



156.2110, -3.1130, -26.1930



85.6750, 2.2930, -3.0110



126.9200, 36.2300, -50.8900



19.4810, 5.5950, -7.7890

Inverse Universe

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



124.1180, -14.1710, 20.0450



148.4890, -22.1050, 31.6790



132.7890, 3.1130, 26.1930



79.3250, -2.2930, 3.0110



23.0800, -36.2300, 50.8900



3.5190, -5.5950, 7.7890

Previews

White Background



This preview shows how the YIQ color 164.8820, 14.1710, -20.0450 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 164.8820, 14.1710, -20.0450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

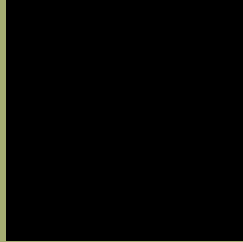
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.8820, 14.1710, -20.0450

Background



This preview shows how black text looks on a background with the YIQ color 164.8820, 14.1710, -20.0450.



This preview shows how white text looks on a background with the YIQ color 164.8820, 14.1710, -20.0450.

-20.0450.

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

164.8820, 14.1710, -20.0450

Protanopia

166.8020, 26.3200, -14.4480

Deuteranopia

168.6450, 37.3680, -5.4160



Tritanopia

169.8740, 0.5950, 5.7390

Trichromacy



Original Color

164.8820, 14.1710, -20.0450

Protanomaly

166.2960, 21.8730, -16.4550

Deuteranomaly

166.9920, 28.8410, -10.5750

Tritanomaly

168.1160, 5.3650, -3.6190

Monochromacy



Original Color

164.8820, 14.1710, -20.0450

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.7090, 4.9530, -7.1670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.8820, 14.1710, -20.0450 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(166, 174, 115)` looks like.

```
.text, #text, p{  
    color:rgb(166, 174, 115)  
}
```

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(166, 174, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 174, 115) }
```

Border

The CSS property to change the border of an element to YIQ 164.8820, 14.1710, -20.0450 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(166, 174, 115) }
```


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

```
.border{ border-color:rgb(166, 174, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 174, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 174, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 174, 115);  
box-shadow:4px 4px 4px 4px rgb(166, 174,  
115) }
```

Background

The CSS property to change the background color of an element to YIQ 164.8820, 14.1710, -20.0450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 174, 115) }
```

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

```
.background{ background-color: rgb(166,  
174, 115) }
```

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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