

Converting Colors

YIQ(155.1650, 20.8640,
-14.6880)

Have a look what the booklet for
YIQ(155.1650, 20.8640, -14.6880)
contains.

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Color

**YIQ(155.1650, 20.8640,
-14.6880)**

Conversions

Conversions Part 1

Format	Color
Hex	A69F6B
RGB	166, 159, 107
RGB Percent	65%, 62%, 42%
CMY	0.3490, 0.3765, 0.5803
CMYK	0.00, 0.04, 0.36, 0.35
HSL	53°, 25%, 54%
HSV	53°, 36%, 65%
XYZ	30.7781, 33.9640, 18.8521
YIQ	155.1650, 20.8640, -14.6880

Conversions

Conversions Part 2

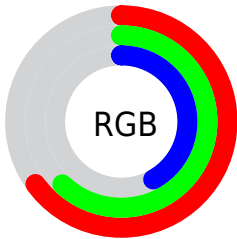
Format	Color
RYB	115, 166, 107
Decimal	10919787
CIELab	64.93, -5.50, 28.07
CIELCh	65, 28.604, 101.091
Yxy	33.9640, 0.3682, 0.4063
Android (android.graphics.Color)	4289109867 (0xFFA69F6B)
YUV	155.1650, -23.7453, 9.5023
Hunter-Lab	58.2786, -7.7180, 21.6158

Details

The YIQ color **155.1650, 20.8640, -14.6880** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **117.8350, -20.8640, 14.6880**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **210.1220, 22.4230, -15.4090**, and **103.9090, 18.7090, -14.1790** is the 20% darker color. If you saturate the color by 10%, you get **152.0530, 26.8710, -18.9290**, and if you desaturate by 10%, it is **158.2770, 14.8570, -10.4470**.

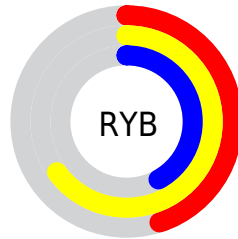
Distribution



Red (65%)

Green (62%)

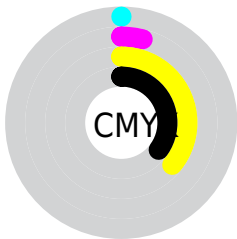
Blue (42%)



Red (45%)

Yellow (65%)

Blue (42%)

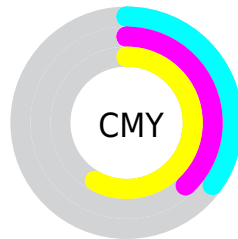


Cyan (0%)

Magenta (4%)

Yellow (36%)

Black (35%)



Cyan (35%)

Magenta (38%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.1650, 20.8640, -14.6880 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 155.1650, 20.8640, -14.6880 by changing the saturation by 10% instead.

■ 155.1650, 20.8640,
-14.6880

■ 155.1650, 20.8640,
-14.6880

■ 255.0000, -0.0000,
-0.0000

■ 128.9800, 19.9470,
-14.5890

■ 210.1220, 22.4230,
-15.4090

■ 103.9090, 18.7090,
-14.1790

■ 238.3070, 23.3400,
-15.5080

■ 79.7240, 17.7920,
-14.0800

■ 250.3260, 13.1610,
-12.7510

■ 56.1260, 16.6000,
-14.5040

■ 253.5180, 4.1730,
-4.0430

■ 35.1520, 13.7110,
-11.7050

■ 15.0400, 2.5230,
-7.1810

■ 0.0000, 0.0000,

0.0000

■ 155.1650, 20.8640,
-14.6880

■ 155.1650, 20.8640,
-14.6880

■ 152.0530, 26.8710,
-18.9290

■ 158.2770, 14.8570,
-10.4470

■ 149.0550, 32.5570,
-22.8590

■ 161.2750, 9.1710,
-6.5170

■ 145.9430, 38.5640,
-27.1000

■ 164.3870, 3.1640,
-2.2760

■ 142.9450, 44.2500,
-31.0300

■ 167.3850, -2.5220,
1.6540

■ 139.8330, 50.2570,
-35.2710

■ 170.4970, -8.5290,
5.8950

■ 136.7210, 56.2640,
-39.5120

■ 173.6090,
-14.5360, 10.1360

■ 135.3360, 58.7860,
-41.1660

■ 176.6070,
-20.2220, 14.0660

■ 179.7190,
-26.2290, 18.3070

■ 182.6030,
-31.5940, 21.9260

Harmonies

Analogous

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



157.4000, 36.6800, -3.9600



155.1650, 20.8640, -14.6880



152.1560, -1.2800, -20.8640

Triad

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



155.1650, 20.8640, -14.6880



144.1740, -62.4440, -13.7080



161.9190, 23.0580, 22.6580

Complementary

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



155.1650, 20.8640, -14.6880



117.8350, -20.8640, 14.6880

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.



160.9470, -0.5080, 20.2280



155.1650, 20.8640, -14.6880



150.4240, -50.9840, -1.1280

Square

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



155.1650, 20.8640, -14.6880



144.4060, -51.7140, -20.9460



157.0190, -27.3740, 11.5220



160.7710, 37.9140, 17.7380

Rectangle

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



155.1650, 20.8640, -14.6880



149.5330, -18.5190, -22.3190



157.0190, -27.3740, 11.5220



161.3250, 16.0430, 23.1390

Sweetspot

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



155.1650, 20.8640, -14.6880



212.5030, 8.5290, -5.8950



125.5530, 32.5960, 14.9960



107.1160, 5.3650, -3.6190



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



155.1650, 20.8640, -14.6880



199.9410, 32.8780, -23.1700



152.6960, 5.8270, -23.0130



82.5010, 2.8430, -1.9650



120.5620, 52.4580, -36.6140



16.5460, 6.9700, -5.1740

Inverse Universe

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



117.8350, -20.8640, 14.6880



141.0590, -32.8780, 23.1700



120.3040, -5.8270, 23.0130



77.4990, -2.8430, 1.9650



27.4380, -52.4580, 36.6140



3.4540, -6.9700, 5.1740

Previews

White Background



This preview shows how the YIQ color 155.1650, 20.8640, -14.6880 looks on a white background.

Color Contrast Check

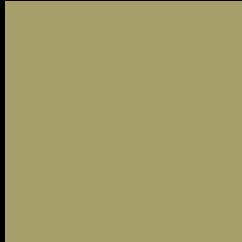
Large Text (above 18pt) WCAG AA × Fail

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 155.1650, 20.8640, -14.6880 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 155.1650, 20.8640, -14.6880

Background



This preview shows how black text looks on a background with the YIQ color 155.1650, 20.8640, -14.6880.



This preview shows how white text looks on a background with the YIQ color 155.1650, 20.8640,

-14.6880.

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

155.1650, 20.8640, -14.6880

Protanopia

155.3720, 24.7150, -12.8930

Deuteranopia

157.2750, 35.5340, -5.2180



Tritanopia

159.6470, 8.6640, 8.1840

Trichromacy



Original Color

155.1650, 20.8640, -14.6880

Protanomaly

155.3610, 23.2480, -13.8400

Deuteranomaly

156.5300, 30.2620, -8.7940

Tritanomaly

158.1170, 12.7920, -0.5520

Monochromacy



Original Color

155.1650, 20.8640, -14.6880

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

154.8450, 7.5660, -4.9620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.1650, 20.8640, -14.6880 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, 159, 107)` looks like.

```
.text, #text, p{  
    color:rgb(166, 159, 107)  
}
```

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, 159, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 159, 107) }
```

Border

The CSS property to change the border of an element to YIQ 155.1650, 20.8640, -14.6880 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, 159, 107) }
```


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

```
.border{ border-color:rgb(166, 159, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 159, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 159, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 159, 107);  
box-shadow:4px 4px 4px 4px rgb(166, 159,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 155.1650, 20.8640, -14.6880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 159, 107) }
```

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

```
.background{ background-color: rgb(166,  
159, 107) }
```

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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