

Converting Colors

YIQ(155.2350, -20.8560,
-29.5280)

Have a look what the booklet for
YIQ(155.2350, -20.8560, -29.5280)
contains.

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Color

**YIQ(155.2350, -20.8560,
-29.5280)**

Conversions

Conversions Part 1

Format	Color
Hex	75B480
RGB	117, 180, 128
RGB Percent	46%, 71%, 50%
CMY	0.5414, 0.2940, 0.4981
CMYK	0.35, 0.00, 0.29, 0.29
HSL	130°, 30%, 58%
HSV	130°, 35%, 71%
XYZ	27.5520, 37.9901, 26.2990
YIQ	155.2350, -20.8560, -29.5280

Conversions

Conversions Part 2

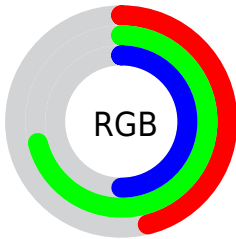
Format	Color
RYB	117, 171, 180
Decimal	7713920
CIELab	68.01, -31.22, 20.30
CIELCh	68, 37.236, 146.969
Yxy	37.9901, 0.3000, 0.4137
Android (android.graphics.Color)	4285904000 (0xFF75B480)
YUV	155.2350, -13.4269, -33.5321
Hunter-Lab	61.6361, -28.0717, 17.8473

Details

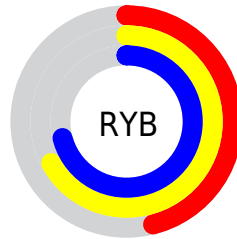
The YIQ color **155.2350, -20.8560, -29.5280** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **141.7650, 20.8560, 29.5280**, and the grayscale version is **155.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **210.2950, -21.0850, -30.8850**, and **102.8760, -21.2230, -28.3830** is the 20% darker color. If you saturate the color by 10%, you get **148.1430, -26.7690, -38.0090**, and if you desaturate by 10%, it is **162.3270, -14.9430, -21.0470**.

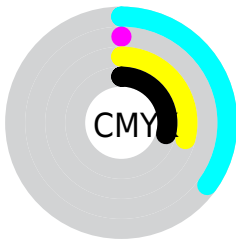
Distribution



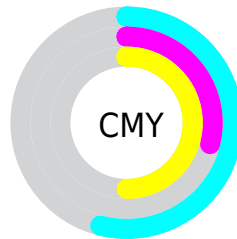
- Red (46%)
- Green (71%)
- Blue (50%)



- Red (46%)
- Yellow (67%)
- Blue (71%)



- Cyan (35%)
- Magenta (0%)
- Yellow (29%)
- Black (29%)



- Cyan (54%)
- Magenta (29%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 155.2350, -20.8560, -29.5280 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 155.2350, -20.8560, -29.5280 by changing the saturation by 10% instead.

■ 155.2350,
-20.8560, -29.5280

■ 155.2350,
-20.8560, -29.5280

■ 255.0000, -0.0000,
-0.0000

■ 128.7620,
-20.9020, -28.6940

■ 210.2950,
-21.0850, -30.8850

■ 102.8760,
-21.2230, -28.3830

■ 233.0120,
-18.6100, -26.1780

■ 77.2180, -22.1860,
-27.4500

■ 244.5760,
-10.9100, -11.5340

■ 51.3530, -27.0000,
-28.3120

■ 32.9520, -18.3810,
-24.8210

■ 19.9580, -9.3500,
-17.7820

■ 0.0000, 0.0000,

0.0000

■ 155.2350,
-20.8560, -29.5280

■ 155.2350,
-20.8560, -29.5280

■ 148.1430,
-26.7690, -38.0090

■ 162.3270,
-14.9430, -21.0470

■ 141.0510,
-32.6820, -46.4900

■ 169.4190, -9.0300,
-12.5660

■ 133.9590,
-38.5950, -54.9710

■ 176.5110, -3.1170,
-4.0850

■ 126.9810,
-44.8290, -63.1410

■ 183.4890, 3.1170,
4.0850

■ 119.8890,
-50.7420, -71.6220

■ 190.5810, 9.0300,
12.5660

■ 112.7970,
-56.6550, -80.1030

■ 197.6730, 14.9430,
21.0470

■ 109.1940,
-59.4510, -84.4990

■ 204.7650, 20.8560,
29.5280

■ 210.0630, 23.1930,
36.7370

■ 210.9750, 20.6250,
39.2250

Harmonies

Analogous

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



160.4640, 12.2920, -24.5400



155.2350, -20.8560, -29.5280



147.0040, -59.6900, -30.5860

Triad

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



155.2350, -20.8560, -29.5280



159.4270, -55.0660, 6.7740



168.0410, 54.6490, 17.3130

Complementary

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



155.2350, -20.8560, -29.5280



141.7650, 20.8560, 29.5280

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.



169.5470, 41.9010, 28.0850



155.2350, -20.8560, -29.5280



167.8450, -17.6560, 22.6320

Square

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



155.2350, -20.8560, -29.5280



144.6190, -91.5580, -14.7100



170.7260, 16.5920, 29.7120



166.0600, 52.4970, 1.2410

Rectangle

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



155.2350, -20.8560, -29.5280



139.7480, -88.2080, -31.3760



170.7260, 16.5920, 29.7120



168.4200, 52.2640, 21.9920

Sweetspot

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



155.2350, -20.8560, -29.5280



224.7180, -8.4340, -12.3540



169.8280, 14.2630, -21.7130



111.1470, -5.0880, -6.9120



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.



155.2350, -20.8560, -29.5280



196.0510, -32.6820, -46.4900



158.7690, -30.8070, -19.8870



85.5110, -3.1170, -4.0850



92.8890, -50.7420, -71.6220



15.7180, -8.4340, -12.3540

Inverse Universe

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



141.7650, 20.8560, 29.5280



174.8350, 33.0030, 46.1790



138.2310, 30.8070, 19.8870



83.6030, 2.7960, 4.3960



60.1110, 50.7420, 71.6220



10.1680, 8.7550, 12.0430

Previews

White Background



This preview shows how the YIQ color 155.2350, -20.8560, -29.5280 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 155.2350, -20.8560, -29.5280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

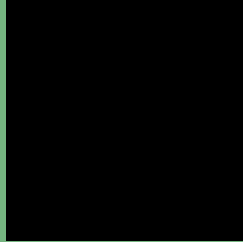
Any Text WCAG AA ✓ Pass

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 155.2350, -20.8560, -29.5280 Background



This preview shows how black text looks on a background with the YIQ color 155.2350, -20.8560, -29.5280.



This preview shows how white text looks on a background with the YIQ color 155.2350, -20.8560, -29.5280.

-29.5280.

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

155.2350, -20.8560, -29.5280

Protanopia

163.5720, 21.2760, -11.1400

Deuteranopia

165.3160, 28.2890, -0.5670



Tritanopia

161.3260, -30.3970, -5.2850

Trichromacy



Original Color

155.2350, -20.8560, -29.5280

Protanomaly

160.2710, 5.8260, -17.4860

Deuteranomaly

161.7110, 10.6390, -11.0970

Tritanomaly

159.4970, -26.8650, -14.2330

Monochromacy



Original Color

155.2350, -20.8560, -29.5280

Achromatopsia

155.0000, -0.0000, 0.0000

Achromatomaly

154.9570, -7.6090, -10.7850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 155.2350, -20.8560, -29.5280 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(117, 180, 128)` looks like.

```
.text, #text, p{  
    color:rgb(117, 180, 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(117, 180, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 180, 128) }
```

Border

The CSS property to change the border of an element to YIQ 155.2350, -20.8560, -29.5280 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(117, 180, 128) }
```


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

```
.border{ border-color:rgb(117, 180, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 180, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 180, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 180, 128);  
box-shadow:4px 4px 4px 4px rgb(117, 180,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 155.2350, -20.8560, -29.5280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 180, 128) }
```

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

```
.background{ background-color: rgb(117,  
180, 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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