

Converting Colors

YIQ(152.2340, -19.1150,
-22.5310)

Have a look what the booklet for
YIQ(152.2340, -19.1150, -22.5310)
contains.

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Color

**YIQ(152.2340, -19.1150,
-22.5310)**

Conversions

Conversions Part 1

Format	Color
Hex	78AC87
RGB	120, 172, 135
RGB Percent	47%, 67%, 53%
CMY	0.5296, 0.3254, 0.4706
CMYK	0.30, 0.00, 0.22, 0.33
HSL	137°, 24%, 57%
HSV	137°, 30%, 67%
XYZ	26.8695, 35.2527, 28.3055
YIQ	152.2340, -19.1150, -22.5310

Conversions

Conversions Part 2

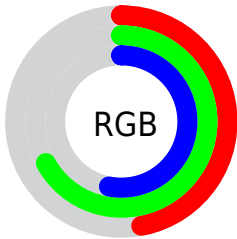
Format	Color
RYB	120, 160, 172
Decimal	7908487
CIELab	65.94, -25.06, 13.64
CIELCh	66, 28.529, 151.437
Yxy	35.2527, 0.2971, 0.3898
Android (android.graphics.Color)	4286098567 (0xFF78AC87)
YUV	152.2340, -8.4964, -28.2692
Hunter-Lab	59.3739, -23.1247, 13.2963

Details

The YIQ color **152.2340, -19.1150, -22.5310** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **139.7660, 19.1150, 22.5310**, and the grayscale version is **152.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **207.2940, -19.3440, -23.8880**, and **100.1740, -18.8860, -21.1740** is the 20% darker color. If you saturate the color by 10%, you get **145.7830, -25.3950, -29.8670**, and if you desaturate by 10%, it is **158.6850, -12.8350, -15.1950**.

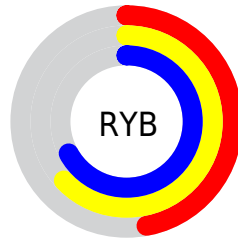
Distribution



Red (47%)

Green (67%)

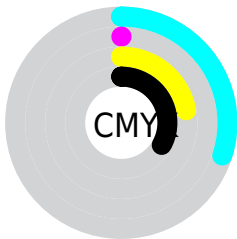
Blue (53%)



Red (47%)

Yellow (63%)

Blue (67%)

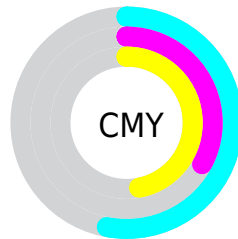


Cyan (30%)

Magenta (0%)

Yellow (22%)

Black (33%)



Cyan (53%)

Magenta (33%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 152.2340, -19.1150, -22.5310 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 152.2340, -19.1150, -22.5310 by changing the saturation by 10% instead.

■ 152.2340,
-19.1150, -22.5310

■ 152.2340,
-19.1150, -22.5310

■ 255.0000, -0.0000,
-0.0000

■ 125.7610,
-19.1610, -21.6970

■ 206.9950,
-19.9400, -24.1000

■ 100.1740,
-18.8860, -21.1740

■ 234.4080,
-19.6650, -23.5770

■ 75.7010, -18.9320,
-20.3400

■ 246.3850,
-11.6900, -8.4100

■ 51.3310, -20.7660,
-20.1420

■ 30.3420, -19.2990,
-19.1950

■ 17.0230, -7.9750,
-15.1670

■ 0.0000, 0.0000,

0.0000

■ 152.2340,
-19.1150, -22.5310

■ 152.2340,
-19.1150, -22.5310

■ 145.7830,
-25.3950, -29.8670

■ 158.6850,
-12.8350, -15.1950

■ 139.3320,
-31.6750, -37.2030

■ 165.1360, -6.5550,
-7.8590

■ 132.4680,
-38.2300, -45.0620

■ 172.0000, -0.0000,
-0.0000

■ 126.0170,
-44.5100, -52.3980


■ 178.4510, 6.2800,
7.3360


■ 119.5660,
-50.7900, -59.7340


■ 184.9020, 12.5600,
14.6720


■ 113.1150,
-57.0700, -67.0700

■ 191.3530, 18.8400,
22.0080

 106.6640,
-63.3500, -74.4060

 197.9180, 24.7990,
29.6550

 203.7710, 29.8870,
36.5670

 205.1390, 26.0350,
40.2990

Harmonies

Analogous

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



156.1030, 6.2390, -19.4650



152.2340, -19.1150, -22.5310



148.0000, -44.6990, -21.4270

Triad

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



152.2340, -19.1150, -22.5310



157.7190, -35.3970, 8.2430



162.1210, 42.5000, 11.7160

Complementary

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



152.2340, -19.1150, -22.5310



139.7660, 19.1150, 22.5310

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.



163.4980, 34.4290, 20.3250



152.2340, -19.1150, -22.5310



162.4020, -9.2190, 18.4050

Square

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



152.2340, -19.1150, -22.5310



150.2660, -56.5310, -5.2270



164.2110, 16.3640, 22.8280



160.7750, 40.1180, -0.1860

Rectangle

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



152.2340, -19.1150, -22.5310



146.3500, -57.3080, -18.6840



164.2110, 16.3640, 22.8280



163.0440, 41.3990, 15.1510

Sweetspot

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



152.2340, -19.1150, -22.5310



216.4240, -7.4260, -8.5940



161.5870, 7.7520, -19.3520



107.3860, -4.2630, -5.3430



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.



152.2340, -19.1150, -22.5310



193.5820, -29.3830, -34.6870



155.1980, -27.4610, -14.4450



83.6250, -3.4380, -3.7740



92.9520, -55.0530, -65.0770



14.2990, -8.5720, -9.8520

Inverse Universe

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



139.7660, 19.1150, 22.5310



174.4180, 29.3830, 34.6870



136.8020, 27.4610, 14.4450



81.3750, 3.4380, 3.7740



57.0480, 55.0530, 65.0770



8.7010, 8.5720, 9.8520

Previews

White Background



This preview shows how the YIQ color 152.2340, -19.1150, -22.5310 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 152.2340, -19.1150, -22.5310 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 152.2340, -19.1150, -22.5310 Background



This preview shows how black text looks on a background with the YIQ color 152.2340, -19.1150, -22.5310.



This preview shows how white text looks on a background with the YIQ color 152.2340, -19.1150, -22.5310.

-22.5310.

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

152.2340, -19.1150, -22.5310

Protanopia

158.5700, 15.5900, -7.2100

Deuteranopia

160.6620, 21.5030, 1.2710



Tritanopia

156.4190, -26.2250, -3.8010

Trichromacy



Original Color

152.2340, -19.1150, -22.5310

Protanomaly

156.3510, 2.8450, -13.0190

Deuteranomaly

157.7800, 6.1910, -7.5770

Tritanomaly

154.8720, -23.4270, -10.4590

Monochromacy



Original Color

152.2340, -19.1150, -22.5310

Achromatopsia

152.0000, -0.0000, -0.0000

Achromatomaly

151.8370, -7.1510, -8.0710

CSS Examples

Text

The CSS property to change the color of the text to YIQ 152.2340, -19.1150, -22.5310 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(120, 172, 135)` looks like.

```
.text, #text, p{  
    color:rgb(120, 172, 135)  
}
```

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(120, 172, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 172, 135) }
```

Border

The CSS property to change the border of an element to YIQ 152.2340, -19.1150, -22.5310 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(120, 172, 135) }
```


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

```
.border{ border-color:rgb(120, 172, 135) }
```

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

Here you see how a box with a 4 pixel rgb(120, 172, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 172, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 172, 135);  
box-shadow:4px 4px 4px 4px rgb(120, 172,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 152.2340, -19.1150, -22.5310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 172, 135) }
```

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

```
.background{ background-color: rgb(120,  
172, 135) }
```

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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