

Converting Colors

YIQ(122.1630, -37.5480,
-13.3560)

Have a look what the booklet for
YIQ(122.1630, -37.5480, -13.3560)
contains.

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Color

**YIQ(122.1630, -37.5480,
-13.3560)**

Conversions

Conversions Part 1

Format	Color
Hex	4E8D8D
RGB	78, 141, 141
RGB Percent	31%, 55%, 55%
CMY	0.6943, 0.4469, 0.4472
CMYK	0.45, 0.00, 0.00, 0.45
HSL	180°, 29%, 43%
HSV	180°, 45%, 55%
XYZ	17.4724, 22.5976, 28.6254
YIQ	122.1630, -37.5480, -13.3560

Conversions

Conversions Part 2

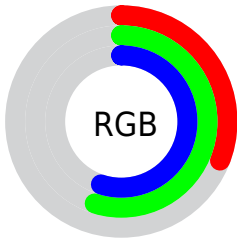
Format	Color
R_{YB}	78, 110, 141
Decimal	5148045
CIE _{Lab}	54.66, -20.25, -6.30
CIE _{LCh}	55, 21.209, 197.290
Yxy	22.5976, 0.2543, 0.3290
Android (android.graphics.Color)	4283338125 (0xFF4E8D8D)
YUV	122.1630, 9.2866, -38.7310
Hunter-Lab	47.5369, -17.5811, -2.4269

Details

The YIQ color **122.1630, -37.5480, -13.3560** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **96.8370, 37.5480, 13.3560**, and the grayscale version is **122.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **175.8640, -38.1440, -13.5680**, and **70.3690, -41.1240, -14.6280** is the 20% darker color. If you saturate the color by 10%, you get **117.9770, -45.8920, -16.3240**, and if you desaturate by 10%, it is **126.3490, -29.2040, -10.3880**.

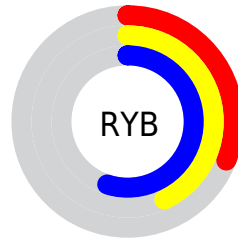
Distribution



Red (31%)

Green (55%)

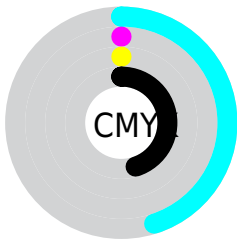
Blue (55%)



Red (31%)

Yellow (43%)

Blue (55%)

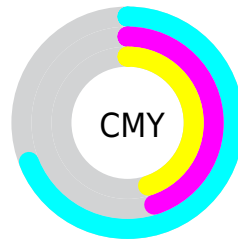


Cyan (45%)

Magenta (0%)

Yellow (0%)

Black (45%)



Cyan (69%)

Magenta (45%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.1630, -37.5480, -13.3560 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 122.1630, -37.5480, -13.3560 by changing the saturation by 10% instead.

■ 122.1630,
-37.5480, -13.3560

■ 122.1630,
-37.5480, -13.3560

■ 255.0000, -0.0000,
-0.0000

■ 95.8640, -38.1440,
-13.5680

■ 175.8640,
-38.1440, -13.5680

■ 70.3690, -41.1240,
-14.6280

■ 203.7500,
-37.8230, -13.8790

■ 46.9670, -39.9320,
-14.2040

■ 232.1520,
-39.0150, -14.3030

■ 30.9580, -26.5450,
-9.0170

■ 243.0400,
-23.8400, -8.4800

■ 18.1120, -15.1750,
-5.8230

■ 251.7110, -6.5560,
-2.3320

■ 0.0000, 0.0000,
0.0000

■ 122.1630,
-37.5480, -13.3560

■ 122.1630,
-37.5480, -13.3560

■ 117.9770,
-45.8920, -16.3240

■ 126.3490,
-29.2040, -10.3880

■ 113.7910,
-54.2360, -19.2920

■ 130.5350,
-20.8600, -7.4200

■ 109.6050,
-62.5800, -22.2600

■ 134.7210,
-12.5160, -4.4520

■ 105.4190,
-70.9240, -25.2280

■ 138.9070, -4.1720,
-1.4840

■ 100.9340,
-79.8640, -28.4080

■ 143.0930, 4.1720,
1.4840

■ 98.8410, -84.0360,
-29.8920

■ 147.5780, 13.1120,
4.6640

■ 151.7640, 21.4560,
7.6320

■ 155.9500, 29.8000,

10.6000

■ 160.1360, 38.1440,
13.5680

Harmonies

Analogous

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



124.1830, -23.1050, -16.2970



122.1630, -37.5480, -13.3560



123.1120, -41.5380, -7.1220

Triad

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



122.1630, -37.5480, -13.3560



133.6390, 3.1150, 15.1390



130.5280, 24.5760, -4.8640

Complementary

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



122.1630, -37.5480, -13.3560



96.8370, 37.5480, 13.3560

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.



132.0330, 30.7640, 4.1400



122.1630, -37.5480, -13.3560



133.5500, 19.4830, 15.8590

Square

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



122.1630, -37.5480, -13.3560



131.4240, -15.4530, 10.2350



133.2920, 28.8370, 11.5330



128.7820, 11.8770, -11.5070

Rectangle

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



122.1630, -37.5480, -13.3560



125.4380, -36.4040, -1.0440



133.2920, 28.8370, 11.5330



131.0770, 27.4640, -2.1360

Sweetspot

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



122.1630, -37.5480, -13.3560



176.8240, -14.3040, -5.0880



115.2800, -16.7290, -32.7370



87.5150, -8.9400, -3.1800



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



122.1630, -37.5480, -13.3560



153.9860, -59.2790, -21.5110



104.5530, -29.2980, 2.3340



68.9070, -4.1720, -1.4840



94.6350, -80.4600, -28.6200



5.6080, -4.7680, -1.6960

Inverse Universe

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



96.8370, 37.5480, 13.3560



114.0140, 59.2790, 21.5110



114.4470, 29.2980, -2.3340



66.0930, 4.1720, 1.4840



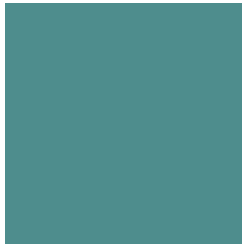
40.3650, 80.4600, 28.6200



2.3920, 4.7680, 1.6960

Previews

White Background



This preview shows how the YIQ color 122.1630, -37.5480, -13.3560 looks on a white background.

Color Contrast Check

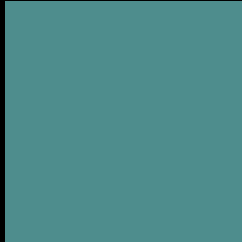
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.1630, -37.5480, -13.3560 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

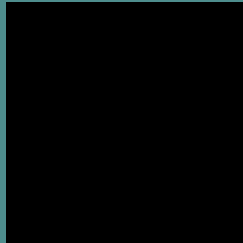
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.1630, -37.5480, -13.3560 Background



This preview shows how black text looks on a background with the YIQ color 122.1630, -37.5480, -13.3560.



This preview shows how white text looks on a background with the YIQ color 122.1630, -37.5480, -13.3560.

-13.3560.

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

122.1630, -37.5480, -13.3560

Protanopia

130.1680, -0.4130, 1.9790

Deuteranopia

131.6290, -0.0930, 7.1950



Tritanopia

123.6130, -38.6950, -9.0870

Trichromacy



Original Color

122.1630, -37.5480, -13.3560

Protanomaly

127.1770, -13.8000, -3.2080

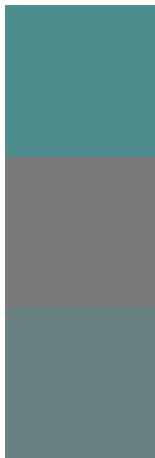
Deuteranomaly

128.1710, -13.6630, -0.1830

Tritanomaly

122.8580, -38.0070, -10.5430

Monochromacy



Original Color

122.1630, -37.5480, -13.3560

Achromatopsia

122.0000, 0.0000, -0.0000

Achromatomaly

122.1230, -13.7080, -4.8760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.1630, -37.5480, -13.3560 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(78, 141, 141)` looks like.

```
.text, #text, p{  
    color:rgb(78, 141, 141)  
}
```

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(78, 141, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 141, 141) }
```

Border

The CSS property to change the border of an element to YIQ 122.1630, -37.5480, -13.3560 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(78, 141, 141) }
```


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

```
.border{ border-color:rgb(78, 141, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 141, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 141, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 141, 141);  
box-shadow:4px 4px 4px 4px rgb(78, 141,  
141) }
```

Background

The CSS property to change the background color of an element to YIQ 122.1630, -37.5480, -13.3560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 141, 141) }
```

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

```
.background{ background-color: rgb(78, 141,  
141) }
```

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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