

Converting Colors

YIQ(124.7650, -33.0110,
-1.9630)

Have a look what the booklet for
YIQ(124.7650, -33.0110, -1.9630)
contains.

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Color

**YIQ(124.7650, -33.0110,
-1.9630)**

Conversions

Conversions Part 1

Format	Color
Hex	5C879E
RGB	92, 135, 158
RGB Percent	36%, 53%, 62%
CMY	0.6393, 0.4705, 0.3805
CMYK	0.42, 0.15, 0.00, 0.38
HSL	201°, 26%, 49%
HSV	201°, 42%, 62%
XYZ	19.2462, 22.0745, 35.5770
YIQ	124.7650, -33.0110, -1.9630

Conversions

Conversions Part 2

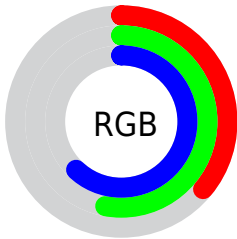
Format	Color
R _Y B	92, 118, 158
Decimal	6064030
CIE Lab	54.11, -8.57, -16.88
CIE LCh	54, 18.931, 243.084
Yxy	22.0745, 0.2503, 0.2871
Android (android.graphics.Color)	4284254110 (0xFF5C879E)
YUV	124.7650, 16.3849, -28.7349
Hunter-Lab	46.9835, -9.1009, -12.0074

Details

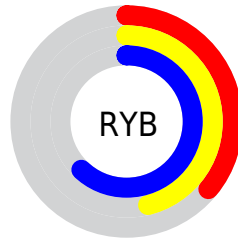
The YIQ color $124.7650, -33.0110, -1.9630$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $125.2350, 33.0110, 1.9630$, and the grayscale version is $125.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $177.9930, -33.6530, -1.3410$, and $74.0530, -33.8820, -2.6980$ is the 20% darker color. If you saturate the color by 10%, you get $117.0460, -41.1720, -2.7400$, and if you desaturate by 10%, it is $133.0710, -25.1250, -1.7090$.

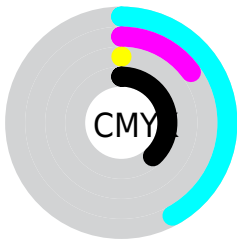
Distribution



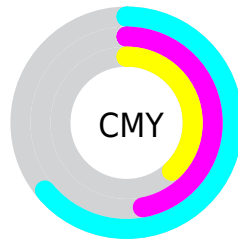
- Red (36%)
- Green (53%)
- Blue (62%)



- Red (36%)
- Yellow (46%)
- Blue (62%)



- Cyan (42%)
- Magenta (15%)
- Yellow (0%)
- Black (38%)



- Cyan (64%)
- Magenta (47%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 124.7650, -33.0110, -1.9630 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 124.7650, -33.0110, -1.9630 by changing the saturation by 10% instead.

■ 124.7650,
-33.0110, -1.9630

■ 124.7650,
-33.0110, -1.9630

■ 255.0000, -0.0000,
-0.0000

■ 99.3520, -33.2860,
-2.4860

■ 177.9930,
-33.6530, -1.3410

■ 74.0530, -33.8820,
-2.6980

■ 205.6940,
-34.2490, -1.5530

■ 48.1340, -38.6040,
-5.2280

■ 232.0980,
-29.7550, -5.9070

■ 30.2060, -29.9390,
-2.5710

■ 247.2260,
-15.4960, -5.5120

■ 15.9580, -17.3770,
1.0470

■ 2.2970, -5.0900,
4.1420

■ 0.0000, 0.0000,

0.0000

■ 124.7650,
-33.0110, -1.9630

■ 124.7650,
-33.0110, -1.9630

■ 117.0460,
-41.1720, -2.7400

■ 133.0710,
-25.1250, -1.7090

■ 108.7400,
-49.0580, -2.9940

■ 140.7900,
-16.9640, -0.9320

■ 101.3200,
-56.6230, -3.5590

■ 148.2100, -9.3990,
-0.3670

■ 93.0140, -64.5090,
-3.8130

■ 156.5160, -1.5130,
-0.1130

■ 85.2950, -72.6700,
-4.5900

■ 164.2350, 6.6480,
0.6640

■ 78.4730, -79.0430,
-4.7310

■ 172.5410, 14.5340,
0.9180

■ 180.2600, 22.6950,
1.6950

■ 188.2670, 29.9850,
1.7370

■ 195.9860, 38.1460,
2.5140

Harmonies

Analogous

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



122.5810, -35.6690, -8.8610



124.7650, -33.0110, -1.9630



128.2660, -21.0000, 6.1360

Triad

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



124.7650, -33.0110, -1.9630



132.2960, 23.0140, 12.4380



126.7640, 3.1200, -12.4960

Complementary

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



124.7650, -33.0110, -1.9630



125.2350, 33.0110, 1.9630

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.



128.6410, 16.8280, -7.6200



124.7650, -33.0110, -1.9630



131.0590, 27.8750, 6.9390

Square

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



124.7650, -33.0110, -1.9630



132.3040, 11.3680, 14.2480



129.7610, 25.5380, -0.2700



124.2120, -12.8810, -14.3610

Rectangle

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



124.7650, -33.0110, -1.9630



130.0610, -9.9970, 10.4750



129.7610, 25.5380, -0.2700



127.0420, 8.2090, -11.1110

Sweetspot

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



124.7650, -33.0110, -1.9630



193.0570, -13.3420, -0.4940



133.2500, -25.2120, -27.6760



96.3950, -8.4820, -0.4660



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



124.7650, -33.0110, -1.9630



154.7720, -52.0840, -3.2200



105.9810, -24.2110, 14.7730



74.8470, -3.9430, -0.1270



70.8930, -71.4780, -4.1660



7.5800, -7.5650, -0.5650

Inverse Universe

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



116.6360, 25.5330, 27.3650



141.8480, 40.1560, 43.1960



144.0190, 24.2110, -14.7730



73.9620, 3.1630, 3.2510



53.3590, 55.3750, 59.2390



5.6250, 5.7300, 6.2900

Previews

White Background



This preview shows how the YIQ color 124.7650, -33.0110, -1.9630 looks on a white background.

Color Contrast Check

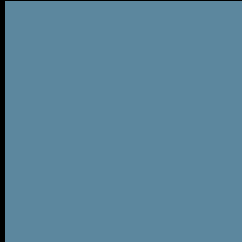
Large Text (above 18pt) WCAG AA ✓ Pass

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 124.7650, -33.0110, -1.9630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

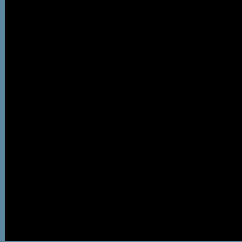
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 124.7650, -33.0110, -1.9630

Background



This preview shows how black text looks on a background with the YIQ color 124.7650, -33.0110, -1.9630.



This preview shows how white text looks on a background with the YIQ color 124.7650, -33.0110,

-1.9630.

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

124.7650, -33.0110, -1.9630

Protanopia

129.6540, -10.4090, 6.9270

Deuteranopia

129.8760, -10.9140, 10.5740



Tritanopia

123.9020, -32.1390, -6.7550

Trichromacy



Original Color

124.7650, -33.0110, -1.9630

Protanomaly

128.0550, -19.0280, 3.4360

Deuteranomaly

127.9350, -18.5700, 6.1500

Tritanomaly

124.0700, -32.5520, -4.7760

Monochromacy



Original Color

124.7650, -33.0110, -1.9630

Achromatopsia

125.0000, 0.0000, 0.0000

Achromatomaly

125.1280, -12.1040, -0.9040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 124.7650, -33.0110, -1.9630 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(92, 135, 158)` looks like.

```
.text, #text, p{  
    color:rgb(92, 135, 158)  
}
```

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(92, 135, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 135, 158) }
```

Border

The CSS property to change the border of an element to YIQ 124.7650, -33.0110, -1.9630 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(92, 135, 158) }
```


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

```
.border{ border-color:rgb(92, 135, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 135, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 135, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 135, 158);  
box-shadow:4px 4px 4px 4px rgb(92, 135,  
158) }
```

Background

The CSS property to change the background color of an element to YIQ 124.7650, -33.0110, -1.9630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 135, 158) }
```

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

```
.background{ background-color: rgb(92, 135,  
158) }
```

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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