

# Converting Colors

YIQ(130.2600, -22.0040,  
-19.7320)

Have a look what the booklet for  
YIQ(130.2600, -22.0040, -19.7320)  
contains.

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# Color

**YIQ(130.2600, -22.0040,  
-19.7320)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	619579
RGB	97, 149, 121
RGB Percent	38%, 58%, 47%
CMY	0.6197, 0.4156, 0.5256
CMYK	0.35, 0.00, 0.19, 0.42
HSL	148°, 21%, 48%
HSV	148°, 35%, 58%
XYZ	19.1270, 25.4213, 21.9825
YIQ	130.2600, -22.0040, -19.7320

# Conversions

## Conversions Part 2

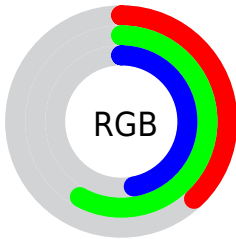
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 133, 149
Decimal	6395257
CIE <sub>Lab</sub>	57.48, -23.74, 9.37
CIE <sub>LCh</sub>	57, 25.518, 158.463
Yxy	25.4213, 0.2875, 0.3821
Android (android.graphics.Color)	4284585337 (0xFF619579)
YUV	130.2600, -4.5652, -29.1690
Hunter-Lab	50.4195, -20.5189, 9.4437

# Details

The YIQ color  $130.2600, -22.0040, -19.7320$  is a dark color, and the websafe version is hex  $669966$ . A complement of this color would be  $115.7400, 22.0040, 19.7320$ , and the grayscale version is  $130.0000, -0.0000, -0.0000$ .

A 20% lighter version of the original color is  $183.4340, -22.5540, -20.7780$ , and  $79.7870, -22.0500, -18.8980$  is the 20% darker color. If you saturate the color by 10%, you get  $124.8630, -28.3760, -25.4000$ , and if you desaturate by 10%, it is  $135.6570, -15.6320, -14.0640$ .

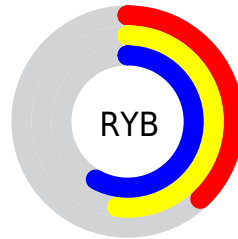
# Distribution



Red (38%)

Green (58%)

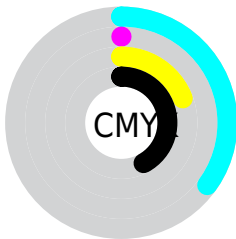
Blue (47%)



Red (38%)

Yellow (52%)

Blue (58%)

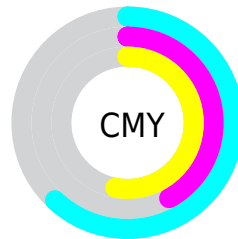


Cyan (35%)

Magenta (0%)

Yellow (19%)

Black (42%)



Cyan (62%)

Magenta (42%)

Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the YIQ color 130.2600, -22.0040, -19.7320 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 130.2600, -22.0040, -19.7320 by changing the saturation by 10% instead.



■ 130.2600,  
-22.0040, -19.7320

■ 130.2600,  
-22.0040, -19.7320

■ 255.0000, -0.0000,  
-0.0000

■ 104.6730,  
-21.7290, -19.2090

■ 183.4340,  
-22.5540, -20.7780

■ 79.7870, -22.0500,  
-18.8980

■ 211.7220,  
-23.4250, -21.5130

■ 55.7160, -23.2880,  
-18.4880

■ 236.7870,  
-22.0500, -18.8980

■ 33.2430, -23.3340,  
-17.6540

■ 248.4220,  
-13.1120, -4.6640

■ 18.5390, -9.4880,  
-15.2800

■ 0.0000, 0.0000,  
0.0000

■ 130.2600,  
-22.0040, -19.7320

■ 130.2600,  
-22.0040, -19.7320

■ 124.8630,  
-28.3760, -25.4000

■ 135.6570,  
-15.6320, -14.0640

■ 119.4660,  
-34.7480, -31.0680

■ 141.0540, -9.2600,  
-8.3960

■ 114.0690,  
-41.1200, -36.7360

■ 146.4510, -2.8880,  
-2.7280

■ 108.6720,  
-47.4920, -42.4040

■ 151.8480, 3.4840,  
2.9400

■ 103.2750,  
-53.8640, -48.0720

■ 156.9460, 9.2600,  
8.3960

■ 98.1770, -59.6400,  
-53.5280

■ 162.3430, 15.6320,  
14.0640

■ 95.3290, -63.1240,  
-56.4680

■ 167.7400, 22.0040,  
19.7320

■ 173.1370, 28.3760,

25.4000

■ 178.5340, 34.7480,  
31.0680

# Harmonies

## Analogous

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



133.6340, 0.3700, -17.7260



130.2600, -22.0040, -19.7320



126.5920, -43.3700, -17.9780

# Triad

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



130.2600, -22.0040, -19.7320



137.0360, -26.0440, 9.4440



139.2620, 37.5490, 7.8290

# Complementary

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



130.2600, -22.0040, -19.7320



115.7400, 22.0040, 19.7320

# 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.



140.4930, 32.8250, 16.3530



130.2600, -22.0040, -19.7320



140.5830, -2.4790, 17.4010

# Square

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



130.2600, -22.0040, -19.7320



131.2350, -46.0780, -1.9340



141.8860, 18.6570, 19.8170



138.1870, 32.9660, -2.7300



# Rectangle

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



130.2600, -22.0040, -19.7320



126.0950, -52.0360, -15.1080



141.8860, 18.6570, 19.8170



140.0710, 36.7690, 10.9530

# Sweetspot

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



130.2600, -22.0040, -19.7320



186.7660, -8.3890, -7.6610



136.1950, 2.9840, -21.0480



92.7280, -5.2260, -4.4100



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000



# Same Dimension

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



130.2600, -22.0040, -19.7320



164.4660, -34.7480, -31.0680



133.1100, -30.0290, -11.9570



71.4510, -2.8880, -2.7280



88.3020, -58.4940, -52.2700



6.4400, -4.3550, -3.6750



# Inverse Universe

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



115.7400, 22.0040, 19.7320



141.5340, 34.7480, 31.0680



112.8900, 30.0290, 11.9570



69.5490, 2.8880, 2.7280



49.6980, 58.4940, 52.2700



3.5600, 4.3550, 3.6750



# Previews

## White Background



This preview shows how the YIQ color 130.2600, -22.0040, -19.7320 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

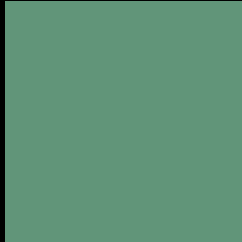
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YIQ color 130.2600, -22.0040, -19.7320 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 130.2600, -22.0040, -19.7320 Background



This preview shows how black text looks on a background with the YIQ color 130.2600, -22.0040, -19.7320.



This preview shows how white text looks on a background with the YIQ color 130.2600, -22.0040, -19.7320.

-19.7320.

# 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

130.2600, -22.0040, -19.7320

### Protanopia

136.8840, 11.8300, -5.1460

### Deuteranopia

138.8510, 16.5970, 2.0770



## Tritanopia

133.4080, -27.6920, -4.7480

# Trichromacy



## Original Color

130.2600, -22.0040, -19.7320

## Protanomaly

134.3770, -0.0440, -10.2200

## Deuteranomaly

135.9800, 2.7520, -5.8240

## Tritanomaly

132.2030, -25.8570, -10.4730

# Monochromacy



## Original Color

130.2600, -22.0040, -19.7320

## Achromatopsia

130.0000, -0.0000, -0.0000

## Achromatomaly

130.1790, -8.1140, -7.1380

# CSS Examples

## Text

The CSS property to change the color of the text to YIQ 130.2600, -22.0040, -19.7320 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(97, 149, 121)` looks like.

```
.text, #text, p{  
    color:rgb(97, 149, 121)  
}
```

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(97, 149, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 149, 121) }
```

## Border

The CSS property to change the border of an element to YIQ 130.2600, -22.0040, -19.7320 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(97, 149, 121) }
```



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

```
.border{ border-color:rgb(97, 149, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 149, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 149, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 149, 121);  
box-shadow:4px 4px 4px 4px rgb(97, 149,  
121) }
```

# Background

The CSS property to change the background color of an element to YIQ 130.2600, -22.0040, -19.7320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 149, 121) }
```

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

```
.background{ background-color: rgb(97, 149,  
121) }
```

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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