

Converting Colors

YIQ(129.5780, -14.3920,
-25.5280)

Have a look what the booklet for
YIQ(129.5780, -14.3920, -25.5280)
contains.

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Color

**YIQ(129.5780, -14.3920,
-25.5280)**

Conversions

Conversions Part 1

Format	Color
Hex	649666
RGB	100, 150, 102
RGB Percent	39%, 59%, 40%
CMY	0.6080, 0.4117, 0.6000
CMYK	0.33, 0.00, 0.32, 0.41
HSL	122°, 20%, 49%
HSV	122°, 33%, 59%
XYZ	18.5590, 25.4857, 16.5101
YIQ	129.5780, -14.3920, -25.5280

Conversions

Conversions Part 2

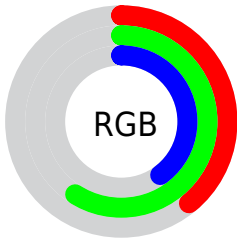
Format	Color
RYB	100, 148, 150
Decimal	6592102
CIELab	57.55, -26.93, 20.15
CIELCh	58, 33.638, 143.194
Yxy	25.4857, 0.3065, 0.4209
Android (android.graphics.Color)	4284782182 (0xFF649666)
YUV	129.5780, -13.5960, -25.9399
Hunter-Lab	50.4834, -22.7246, 15.9481

Details

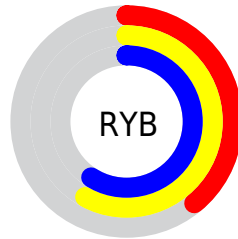
The YIQ color $129.5780, -14.3920, -25.5280$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $120.4220, 14.3920, 25.5280$, and the grayscale version is $130.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $182.6380, -14.6210, -26.8850$, and $79.3330, -15.0800, -24.0720$ is the 20% darker color. If you saturate the color by 10%, you get $123.4970, -18.8380, -33.0620$, and if you desaturate by 10%, it is $135.6590, -9.9460, -17.9940$.

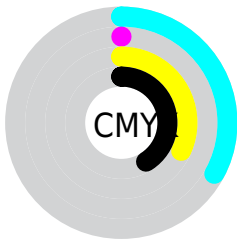
Distribution



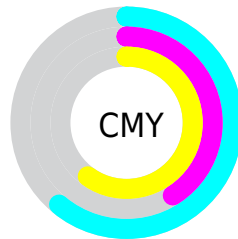
- Red (39%)
- Green (59%)
- Blue (40%)



- Red (39%)
- Yellow (58%)
- Blue (59%)



- Cyan (33%)
- Magenta (0%)
- Yellow (32%)
- Black (41%)



- Cyan (61%)
- Magenta (41%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 129.5780, -14.3920, -25.5280 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 129.5780, -14.3920, -25.5280 by changing the saturation by 10% instead.

■ 129.5780,
-14.3920, -25.5280

■ 129.5780,
-14.3920, -25.5280

■ 255.0000, -0.0000,
-0.0000

■ 104.1050,
-14.4380, -24.6940

■ 182.6380,
-14.6210, -26.8850

■ 79.3330, -15.0800,
-24.0720

■ 211.1110,
-14.5750, -27.7190

■ 55.1480, -15.9970,
-23.9730

■ 235.5890,
-12.9250, -24.5810

■ 31.1910, -17.5560,
-23.2520

■ 247.1530, -5.2250,
-9.9370

■ 18.7840, -8.8000,
-16.7360

■ 0.0000, 0.0000,
0.0000

■ 129.5780,
-14.3920, -25.5280

■ 129.5780,
-14.3920, -25.5280

■ 123.4970,
-18.8380, -33.0620

■ 135.6590, -9.9460,
-17.9940

■ 117.3020,
-22.9630, -40.9070

■ 141.8540, -5.8210,
-10.1490

■ 111.2210,
-27.4090, -48.4410

■ 147.9350, -1.3750,
-2.6150

■ 105.0260,
-31.5340, -56.2860

■ 154.1300, 2.7500,
5.2300

■ 98.9450, -35.9800,
-63.8200

■ 160.2110, 7.1960,
12.7640

■ 92.8640, -40.4260,
-71.3540

■ 166.2920, 11.6420,
20.2980

■ 88.7340, -43.1760,
-76.5840

■ 172.4870, 15.7670,
28.1430

■ 178.5680, 20.2130,

35.6770

 184.7630, 24.3380,
43.5220

Harmonies

Analogous

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



133.4690, 13.8960, -20.5680



129.5780, -14.3920, -25.5280



122.5710, -48.0450, -26.8690

Triad

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



129.5780, -14.3920, -25.5280



130.8030, -53.3690, 3.5510



139.7350, 46.7630, 17.0590

Complementary

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



129.5780, -14.3920, -25.5280



120.4220, 14.3920, 25.5280

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.



141.5460, 34.4740, 25.0180



129.5780, -14.3920, -25.5280



139.4270, -19.5350, 18.1370

Square

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



129.5780, -14.3920, -25.5280



114.4080, -89.5860, -17.4100



141.9810, 11.3200, 26.1360



138.5910, 46.6280, 2.9800

Rectangle

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



129.5780, -14.3920, -25.5280



114.7880, -76.5170, -28.4930



141.9810, 11.3200, 26.1360



140.1740, 44.1490, 20.3810

Sweetspot

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



129.5780, -14.3920, -25.5280



185.8540, -5.8210, -10.1490



143.7020, 14.8580, -15.9740



92.1580, -3.6210, -5.9650



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.



129.5780, -14.3920, -25.5280



162.1280, -22.4130, -39.8610



132.4280, -22.4170, -17.7530



71.1090, -1.9250, -3.6610



81.6900, -39.8760, -70.3080



5.8700, -2.7500, -5.2300

Inverse Universe

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



120.4220, 14.3920, 25.5280



147.8720, 22.4130, 39.8610



117.5720, 22.4170, 17.7530



69.8910, 1.9250, 3.6610



56.3100, 39.8760, 70.3080



4.1300, 2.7500, 5.2300

Previews

White Background



This preview shows how the YIQ color 129.5780, -14.3920, -25.5280 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 129.5780, -14.3920, -25.5280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

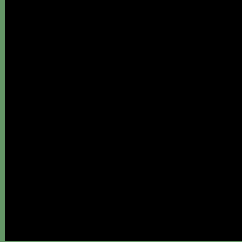
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 129.5780, -14.3920, -25.5280 Background



This preview shows how black text looks on a background with the YIQ color 129.5780, -14.3920, -25.5280.



This preview shows how white text looks on a background with the YIQ color 129.5780, -14.3920,

-25.5280.

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

129.5780, -14.3920, -25.5280

Protanopia

136.6150, 19.7170, -10.4190

Deuteranopia

138.0060, 26.2260, -1.7260



Tritanopia

134.5010, -23.5200, -3.2640

Trichromacy



Original Color

129.5780, -14.3920, -25.5280

Protanomaly

133.8090, 7.2470, -15.7050

Deuteranomaly

135.1240, 10.9140, -10.5740

Tritanomaly

132.9000, -20.6300, -11.5900

Monochromacy



Original Color

129.5780, -14.3920, -25.5280

Achromatopsia

130.0000, -0.0000, -0.0000

Achromatomaly

129.6800, -5.2710, -9.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 129.5780, -14.3920, -25.5280 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(100, 150, 102)` looks like.

```
.text, #text, p{  
    color:rgb(100, 150, 102)  
}
```

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(100, 150, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 150, 102) }
```

Border

The CSS property to change the border of an element to YIQ 129.5780, -14.3920, -25.5280 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(100, 150, 102) }
```


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

```
.border{ border-color:rgb(100, 150, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 150, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 150, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 150, 102);  
box-shadow:4px 4px 4px 4px rgb(100, 150,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 129.5780, -14.3920, -25.5280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 150, 102) }
```

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

```
.background{ background-color: rgb(100,  
150, 102) }
```

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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