

Converting Colors

YIQ(136.6620, -14.0280,
-10.0920)

Have a look what the booklet for
YIQ(136.6620, -14.0280, -10.0920)
contains.

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Color

**YIQ(136.6620, -14.0280,
-10.0920)**

Conversions

Conversions Part 1

Format	Color
Hex	759387
RGB	117, 147, 135
RGB Percent	46%, 58%, 53%
CMY	0.5413, 0.4235, 0.4706
CMYK	0.20, 0.00, 0.08, 0.42
HSL	156°, 12%, 52%
HSV	156°, 20%, 58%
XYZ	22.1414, 26.4008, 26.8462
YIQ	136.6620, -14.0280, -10.0920

Conversions

Conversions Part 2

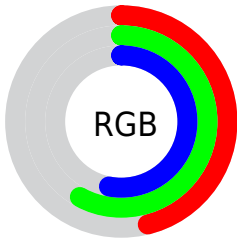
Format	Color
RYB	117, 136, 147
Decimal	7705479
CIELab	58.42, -13.11, 2.89
CIELCh	58, 13.420, 167.559
Yxy	26.4008, 0.2937, 0.3502
Android (android.graphics.Color)	4285895559 (0xFF759387)
YUV	136.6620, -0.8194, -17.2436
Hunter-Lab	51.3817, -12.9987, 4.9890

Details

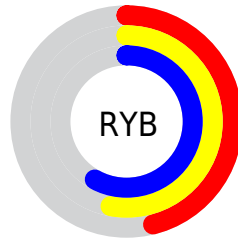
The YIQ color **136.6620, -14.0280, -10.0920** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **127.3380, 14.0280, 10.0920**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **189.9500, -14.8990, -10.8270**, and **86.3740, -13.1570, -9.3570** is the 20% darker color. If you saturate the color by 10%, you get **131.4930, -21.0420, -15.1380**, and if you desaturate by 10%, it is **141.8310, -7.0140, -5.0460**.

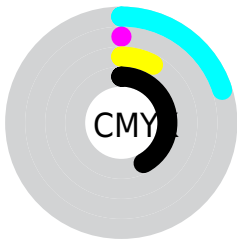
Distribution



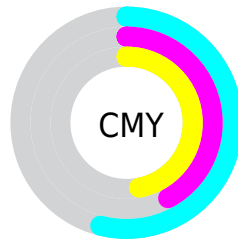
- Red (46%)
- Green (58%)
- Blue (53%)



- Red (46%)
- Yellow (53%)
- Blue (58%)



- Cyan (20%)
- Magenta (0%)
- Yellow (8%)
- Black (42%)



- Cyan (54%)
- Magenta (42%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 136.6620, -14.0280, -10.0920 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 136.6620, -14.0280, -10.0920 by changing the saturation by 10% instead.

■ 136.6620,
-14.0280, -10.0920

■ 136.6620,
-14.0280, -10.0920

■ 255.0000, -0.0000,
-0.0000

■ 111.0750,
-13.7530, -9.5690

■ 189.9500,
-14.8990, -10.8270

■ 86.3740, -13.1570,
-9.3570

■ 217.9500,
-14.8990, -10.8270

■ 63.3740, -13.1570,
-9.3570

■ 244.7760,
-14.3490, -9.7810

■ 40.7870, -12.8820,
-8.8340

■ 254.7010, -0.5960,
-0.2120

■ 19.3030, -14.3950,
-8.9470

■ 0.0000, 0.0000,
0.0000

■ 136.6620,
-14.0280, -10.0920

■ 136.6620,
-14.0280, -10.0920

■ 131.4930,
-21.0420, -15.1380

■ 141.8310, -7.0140,
-5.0460

■ 126.6230,
-27.4600, -19.9720

■ 146.7010, -0.5960,
-0.2120

■ 121.4540,
-34.4740, -25.0180

■ 151.8700, 6.4180,
4.8340

■ 116.2850,
-41.4880, -30.0640

■ 157.0390, 13.4320,
9.8800

■ 111.2300,
-48.8230, -34.7990

■ 161.7950, 20.1710,
14.4030

■ 106.3600,
-55.2410, -39.6330

■ 166.9640, 27.1850,
19.4490

■ 101.1910,
-62.2550, -44.6790


■ 172.1330, 34.1990,
24.4950

■ 96.3210, -68.6730,

■ 177.3020, 41.2130,

-49.5130

29.5410

 182.1720, 47.6310,
34.3750

Harmonies

Analogous

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



137.8220, -2.7950, -9.9230



136.6620, -14.0280, -10.0920



135.9370, -22.0520, -7.8440

Triad

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



136.6620, -14.0280, -10.0920



140.8390, -9.4920, 6.8280



141.5310, 20.4940, 3.0380

Complementary

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



136.6620, -14.0280, -10.0920



127.3380, 14.0280, 10.0920

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.



142.6820, 18.7510, 7.0950



136.6620, -14.0280, -10.0920



142.1780, 2.7950, 9.9230

Square

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



136.6620, -14.0280, -10.0920



139.0010, -18.9360, 1.7680



142.8540, 12.5150, 9.9790



140.8030, 16.5520, -2.6160

Rectangle

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



136.6620, -14.0280, -10.0920



136.7350, -24.2990, -5.6670



142.8540, 12.5150, 9.9790



142.1720, 20.1270, 4.1830

Sweetspot

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



136.6620, -14.0280, -10.0920



187.2550, -5.2720, -3.5760



138.1980, -1.0980, -13.1460



94.5650, -3.2090, -2.4170



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.



136.6620, -14.0280, -10.0920



174.4820, -22.5090, -16.0850



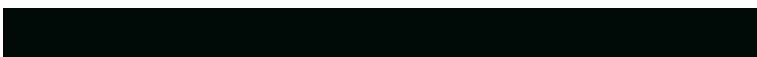
136.8560, -17.3300, -5.3140



71.5650, -3.2090, -2.4170



90.4680, -64.5930, -46.3610



6.5540, -4.6760, -3.3640

Inverse Universe

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



127.3380, 14.0280, 10.0920



159.6320, 22.1880, 16.3960



127.1440, 17.3300, 5.3140



69.4350, 3.2090, 2.4170



47.5320, 64.5930, 46.3610



3.4460, 4.6760, 3.3640

Previews

White Background



This preview shows how the YIQ color 136.6620, -14.0280, -10.0920 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 136.6620, -14.0280, -10.0920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

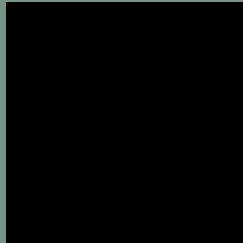
Any Text WCAG AA ✓ Pass

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 136.6620, -14.0280, -10.0920 Background



This preview shows how black text looks on a background with the YIQ color 136.6620, -14.0280, -10.0920.



This preview shows how white text looks on a background with the YIQ color 136.6620, -14.0280, -10.0920.

-10.0920.

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

136.6620, -14.0280, -10.0920

Protanopia

140.4690, 5.8690, -1.7390

Deuteranopia

141.7950, 11.0030, 4.3390



Tritanopia

138.3770, -17.2390, -1.4550

Trichromacy



Original Color

136.6620, -14.0280, -10.0920

Protanomaly

139.3540, -1.2370, -5.1170

Deuteranomaly

139.8430, 1.8800, -1.0320

Tritanomaly

137.8670, -15.8630, -4.3670

Monochromacy



Original Color

136.6620, -14.0280, -10.0920

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.1410, -4.9510, -3.8870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.6620, -14.0280, -10.0920 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(117, 147, 135)` looks like.

```
.text, #text, p{  
    color:rgb(117, 147, 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(117, 147, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 147, 135) }
```

Border

The CSS property to change the border of an element to YIQ 136.6620, -14.0280, -10.0920 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(117, 147, 135) }
```


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

```
.border{ border-color:rgb(117, 147, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 147, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 147, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 147, 135);  
box-shadow:4px 4px 4px 4px rgb(117, 147,  
135) }
```

Background

The CSS property to change the background color of an element to YIQ 136.6620, -14.0280, -10.0920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 147, 135) }
```

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

```
.background{ background-color: rgb(117,  
147, 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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