

Converting Colors

YIQ(140.2780, -30.4420,
-9.9780)

Have a look what the booklet for
YIQ(140.2780, -30.4420, -9.9780)
contains.

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Color

**YIQ(140.2780, -30.4420,
-9.9780)**

Conversions

Conversions Part 1

Format	Color
Hex	699B9D
RGB	105, 155, 157
RGB Percent	41%, 61%, 62%
CMY	0.5883, 0.3921, 0.3844
CMYK	0.33, 0.01, 0.00, 0.38
HSL	182°, 21%, 51%
HSV	182°, 33%, 62%
XYZ	23.6302, 28.8844, 36.2141
YIQ	140.2780, -30.4420, -9.9780

Conversions

Conversions Part 2

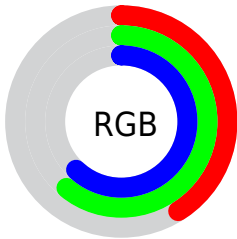
Format	Color
RYB	105, 130, 157
Decimal	6921117
CIELab	60.68, -16.12, -6.36
CIElCh	61, 17.328, 201.547
Yxy	28.8844, 0.2663, 0.3255
Android (android.graphics.Color)	4285111197 (0xFF699B9D)
YUV	140.2780, 8.2439, -30.9388
Hunter-Lab	53.7442, -15.5698, -2.3301

Details

The YIQ color $140.2780, -30.4420, -9.9780$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $121.7220, 30.4420, 9.9780$, and the grayscale version is $140.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $194.6800, -31.6340, -10.4020$, and $89.2780, -30.4420, -9.9780$ is the 20% darker color. If you saturate the color by 10%, you get $134.9070, -39.7030, -12.8470$, and if you desaturate by 10%, it is $145.6490, -21.1810, -7.1090$.

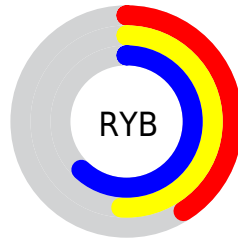
Distribution



Red (41%)

Green (61%)

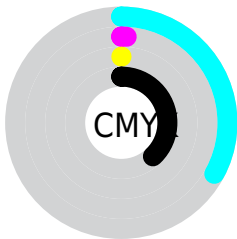
Blue (62%)



Red (41%)

Yellow (51%)

Blue (62%)

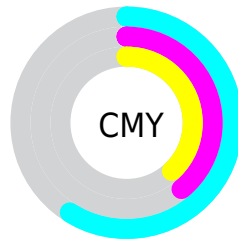


Cyan (33%)

Magenta (1%)

Yellow (0%)

Black (38%)



Cyan (59%)

Magenta (39%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 140.2780, -30.4420, -9.9780 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 140.2780, -30.4420, -9.9780 by changing the saturation by 10% instead.

■ 140.2780,
-30.4420, -9.9780

■ 140.2780,
-30.4420, -9.9780

■ 255.0000, -0.0000,
-0.0000

■ 114.2780,
-30.4420, -9.9780

■ 194.5660,
-31.3130, -10.7130

■ 89.2780, -30.4420,
-9.9780

■ 222.6800,
-31.6340, -10.4020

■ 64.6800, -31.6340,
-10.4020

■ 242.7410,
-24.4360, -8.6920

■ 39.5980, -34.3390,
-10.9390

■ 251.4120, -7.1520,
-2.5440

■ 24.7630, -21.5020,
-6.7980

■ 4.8730, -6.8320,
2.6720

■ 0.0000, 0.0000,

0.0000

■ 140.2780,
-30.4420, -9.9780

■ 140.2780,
-30.4420, -9.9780

■ 134.9070,
-39.7030, -12.8470

■ 145.6490,
-21.1810, -7.1090

■ 130.4220,
-48.6430, -16.0270

■ 150.1340,
-12.2410, -3.9290

■ 125.0510,
-57.9040, -18.8960

■ 155.5050, -2.9800,
-1.0600

■ 120.2670,
-67.4400, -22.2880

■ 160.2890, 6.5560,
2.3320

■ 114.8960,
-76.7010, -25.1570

■ 165.3610, 15.2210,
4.9890

■ 109.8240,
-85.3660, -27.8140

■ 170.7320, 24.4820,
7.8580

■ 106.5350,
-91.9220, -30.1460

■ 175.5160, 34.0180,
11.2500

■ 180.8870, 43.2790,
14.1190

■ 185.3720, 52.2190,
17.2990

Harmonies

Analogous

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



140.8460, -20.5380, -13.2580



140.2780, -30.4420, -9.9780



141.4830, -32.2770, -4.2530

Triad

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



140.2780, -30.4420, -9.9780



148.9550, 5.0410, 13.2730



146.1900, 19.7160, -4.8920

Complementary

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



140.2780, -30.4420, -9.9780



121.7220, 30.4420, 9.9780

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.



147.6410, 25.9960, 2.4440



140.2780, -30.4420, -9.9780



149.0720, 17.8330, 12.7210

Square

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



140.2780, -30.4420, -9.9780



147.2350, -10.5470, 9.4290



148.5580, 25.0320, 8.9040



144.5690, 8.1630, -10.2770

Rectangle

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



140.2780, -30.4420, -9.9780



143.5700, -27.9680, 0.2560



148.5580, 25.0320, 8.9040



146.7390, 22.6040, -2.1640

Sweetspot

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



140.2780, -30.4420, -9.9780



197.4330, -11.6450, -3.7170



135.7520, -14.9420, -26.5740



98.4120, -7.1520, -2.5440



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



140.2780, -30.4420, -9.9780



177.7210, -48.0470, -15.8150



125.0160, -23.2920, 3.6200



76.6080, -4.7680, -1.6960



96.7210, -83.5780, -27.1780



10.5150, -8.9400, -3.1800

Inverse Universe

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



126.2480, 14.9420, 26.5740



155.5240, 23.5130, 41.9530



136.9840, 23.2920, -3.6200



74.3040, 2.2000, 4.1840



58.3750, 41.2510, 72.9230



6.1950, 4.1250, 7.8450

Previews

White Background



This preview shows how the YIQ color 140.2780, -30.4420, -9.9780 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 140.2780, -30.4420, -9.9780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

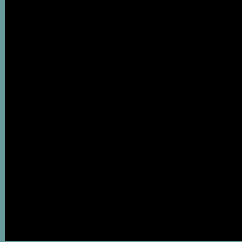
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 140.2780, -30.4420, -9.9780

Background



This preview shows how black text looks on a background with the YIQ color 140.2780, -30.4420, -9.9780.



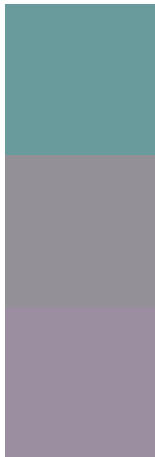
This preview shows how white text looks on a background with the YIQ color 140.2780, -30.4420, -9.9780.

-9.9780.

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

140.2780, -30.4420, -9.9780

Protanopia

146.2820, -0.7340, 2.2900

Deuteranopia

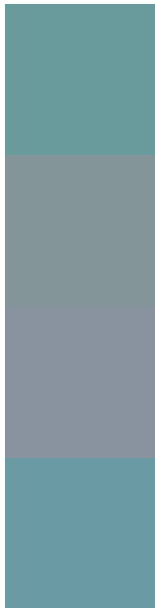
147.6400, 1.3740, 8.1420



Tritanopia

141.3150, -31.8640, -6.2320

Trichromacy



Original Color

140.2780, -30.4420, -9.9780

Protanomaly

144.3730, -11.4160, -2.3600

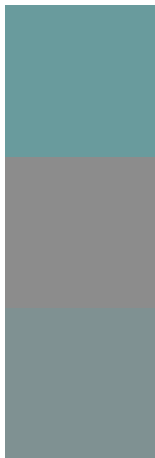
Deuteranomaly

145.0790, -10.4080, 1.4000

Tritanomaly

140.6740, -31.4970, -7.3770

Monochromacy



Original Color

140.2780, -30.4420, -9.9780

Achromatopsia

140.0000, 0.0000, 0.0000

Achromatomaly

139.7320, -11.0490, -3.5050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 140.2780, -30.4420, -9.9780 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(105, 155, 157)` looks like.

```
.text, #text, p{  
    color:rgb(105, 155, 157)  
}
```

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(105, 155, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 155, 157) }
```

Border

The CSS property to change the border of an element to YIQ 140.2780, -30.4420, -9.9780 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(105, 155, 157) }
```


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

```
.border{ border-color:rgb(105, 155, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 155, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 155, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 155, 157);  
box-shadow:4px 4px 4px 4px rgb(105, 155,  
157) }
```

Background

The CSS property to change the background color of an element to YIQ 140.2780, -30.4420, -9.9780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 155, 157) }
```

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

```
.background{ background-color: rgb(105,  
155, 157) }
```

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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