

Converting Colors

YIQ(112.5690, -80.0940,
-24.2380)

Have a look what the booklet for
YIQ(112.5690, -80.0940, -24.2380)
contains.

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Color

**YIQ(112.5690, -80.0940,
-24.2380)**

Conversions

Conversions Part 1

Format	Color
Hex	1596A0
RGB	21, 150, 160
RGB Percent	8%, 59%, 63%
CMY	0.9179, 0.4115, 0.3729
CMYK	0.87, 0.06, 0.00, 0.37
HSL	184°, 77%, 35%
HSV	184°, 87%, 63%
XYZ	17.5605, 24.5238, 37.0277
YIQ	112.5690, -80.0940, -24.2380

Conversions

Conversions Part 2

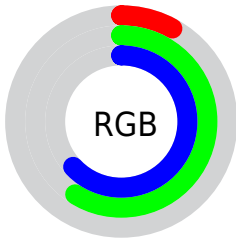
Format	Color
R_{YB}	21, 88, 160
Decimal	1414816
CIE _{Lab}	56.61, -28.19, -14.41
CIE _{LCh}	57, 31.662, 207.079
Yxy	24.5238, 0.2220, 0.3100
Android (android.graphics.Color)	4279604896 (0xFF1596A0)
YUV	112.5690, 23.3835, -80.3060
Hunter-Lab	49.5215, -23.3657, -9.6666

Details

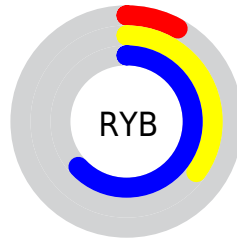
The YIQ color **112.5690, -80.0940, -24.2380** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **68.4310, 80.0940, 24.2380**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.5490, -68.1740, -19.9980**, and **70.5390, -62.2140, -17.8780** is the 20% darker color. If you saturate the color by 10%, you get **107.1980, -89.3550, -27.1070**, and if you desaturate by 10%, it is **117.9400, -70.8330, -21.3690**.

Distribution



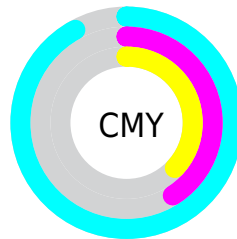
- Red (8%)
- Green (59%)
- Blue (63%)



- Red (8%)
- Yellow (35%)
- Blue (63%)



- Cyan (87%)
- Magenta (6%)
- Yellow (0%)
- Black (37%)



- Cyan (92%)
- Magenta (41%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.5690, -80.0940, -24.2380 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 112.5690, -80.0940, -24.2380 by changing the saturation by 10% instead.

■ 112.5690,
-80.0940, -24.2380

■ 112.5690,
-80.0940, -24.2380

■ 255.0000, -0.0000,
-0.0000

■ 88.0640, -77.1140,
-23.1780

■ 173.5490,
-68.1740, -19.9980

■ 70.4250, -61.8930,
-18.1890

■ 202.1470,
-66.9820, -19.5740

■ 53.0140, -47.3140,
-12.5780

■ 225.3990,
-59.0040, -20.9880

■ 36.8910, -33.6060,
-7.7020

■ 234.3690,
-41.1240, -14.6280

■ 23.2300, -21.3190,
-4.6070

■ 243.0400,
-23.8400, -8.4800

■ 2.7530, -6.3740,
5.3860

■ 252.3090, -5.3640,

■ 0.0000, 0.0000,

-1.9080

0.0000

■ 112.5690,
-80.0940, -24.2380

■ 112.5690,
-80.0940, -24.2380

■ 107.1980,
-89.3550, -27.1070

■ 117.9400,
-70.8330, -21.3690

■ 105.7030,
-92.3350, -28.1670

■ 123.3110,
-61.5720, -18.5000

■ 128.6820,
-52.3110, -15.6310

■ 134.6400,
-43.3250, -13.2850

■ 140.0110,
-34.0640, -10.4160

■ 145.3820,
-24.8030, -7.5470

■ 150.7530,
-15.5420, -4.6780

■ 156.1240, -6.2810,
-1.8090

■ 161.4950, 2.9800,
1.0600

Harmonies

Analogous

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



120.7390, -48.4580, -24.8900



112.5690, -80.0940, -24.2380



118.8940, -73.2190, -11.1630

Triad

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



112.5690, -80.0940, -24.2380



139.5960, 13.8420, 24.4820



133.8350, 30.7210, -11.6070

Complementary

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



112.5690, -80.0940, -24.2380



68.4310, 80.0940, 24.2380

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.



136.2700, 43.0980, 0.8740



112.5690, -80.0940, -24.2380



139.0790, 34.2910, 22.8270

Square

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



112.5690, -80.0940, -24.2380



137.7650, -14.6750, 18.1650



137.3710, 44.7920, 14.2320



131.4300, 9.6320, -20.3840

Rectangle

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



112.5690, -80.0940, -24.2380



127.3250, -55.0190, 0.4130



137.3710, 44.7920, 14.2320



134.9930, 36.2680, -7.5080

Sweetspot

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



112.5690, -80.0940, -24.2380



190.5060, -31.0840, -9.3560



103.6190, -41.1140, -69.8980



93.3720, -18.8430, -5.4270



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.



112.5690, -80.0940, -24.2380



137.7040, -120.4390, -36.4630



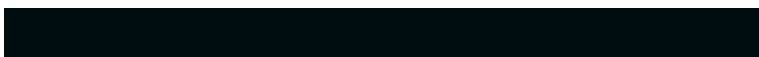
72.0660, -61.1190, 11.8490



76.0210, -4.4930, -1.1730



94.3730, -82.4780, -25.0860



9.9280, -8.6650, -2.6570

Inverse Universe

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



77.2670, 41.4350, 69.5870



84.6070, 62.2900, 104.6420



108.9340, 61.1190, -11.8490



74.1900, 2.5210, 3.8730



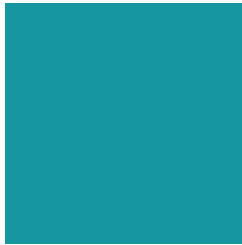
57.9190, 42.5350, 71.6790



6.0810, 4.4460, 7.5340

Previews

White Background



This preview shows how the YIQ color 112.5690, -80.0940, -24.2380 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 112.5690, -80.0940, -24.2380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

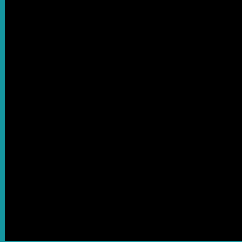
Any Text WCAG AA ✓ Pass

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 112.5690, -80.0940, -24.2380 Background



This preview shows how black text looks on a background with the YIQ color 112.5690, -80.0940, -24.2380.



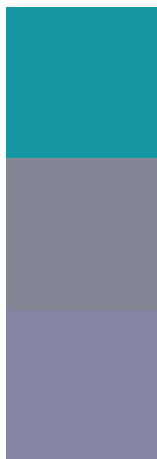
This preview shows how white text looks on a background with the YIQ color 112.5690, -80.0940, -24.2380.

-24.2380.

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

112.5690, -80.0940, -24.2380

Protanopia

135.4110, -5.4110, 4.4530

Deuteranopia

136.2460, -9.0800, 10.3760



Tritanopia

113.6940, -78.9480, -22.9800

Trichromacy



Original Color

112.5690, -80.0940, -24.2380

Protanomaly

127.1300, -32.7810, -6.1330

Deuteranomaly

127.9820, -35.1200, -2.2880

Tritanomaly

113.2810, -79.2230, -23.5030

Monochromacy



Original Color

112.5690, -80.0940, -24.2380

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.7020, -28.7000, -8.5080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.5690, -80.0940, -24.2380 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(21, 150, 160)` looks like.

```
.text, #text, p{  
    color:rgb(21, 150, 160)  
}
```

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(21, 150, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 150, 160) }
```

Border

The CSS property to change the border of an element to YIQ 112.5690, -80.0940, -24.2380 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(21, 150, 160) }
```


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

```
.border{ border-color:rgb(21, 150, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 150, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 150, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 150, 160);  
box-shadow:4px 4px 4px 4px rgb(21, 150,  
160) }
```

Background

The CSS property to change the background color of an element to YIQ 112.5690, -80.0940, -24.2380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 150, 160) }
```

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

```
.background{ background-color: rgb(21, 150,  
160) }
```

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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