

Converting Colors

YIQ(115.7040, -49.3770,
-13.7370)

Have a look what the booklet for
YIQ(115.7040, -49.3770, -13.7370)
contains.

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Color

**YIQ(115.7040, -49.3770,
-13.7370)**

Conversions

Conversions Part 1

Format	Color
Hex	3C8A93
RGB	60, 138, 147
RGB Percent	24%, 54%, 58%
CMY	0.7649, 0.4587, 0.4237
CMYK	0.59, 0.06, 0.00, 0.42
HSL	186°, 42%, 41%
HSV	186°, 59%, 58%
XYZ	16.2163, 21.2506, 30.8296
YIQ	115.7040, -49.3770, -13.7370

Conversions

Conversions Part 2

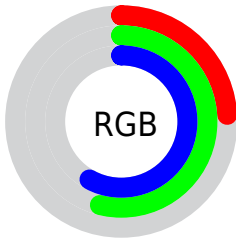
Format	Color
RYB	60, 101, 147
Decimal	3967635
CIELab	53.22, -21.06, -11.98
CIElCh	53, 24.228, 209.638
Yxy	21.2506, 0.2374, 0.3112
Android (android.graphics.Color)	4282157715 (0xFF3C8A93)
YUV	115.7040, 15.4289, -48.8524
Hunter-Lab	46.0983, -17.8800, -7.3830

Details

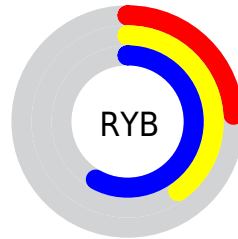
The YIQ color **115.7040, -49.3770, -13.7370** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **91.2960, 49.3770, 13.7370**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **170.3020, -48.1850, -13.3130**, and **62.6000, -55.0160, -16.1680** is the 20% darker color. If you saturate the color by 10%, you get **110.6320, -58.0420, -16.3940**, and if you desaturate by 10%, it is **121.3630, -40.9870, -11.6030**.

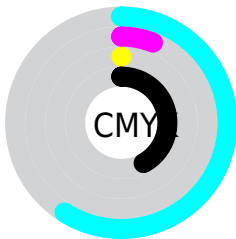
Distribution



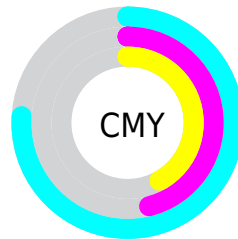
- Red (24%)
- Green (54%)
- Blue (58%)



- Red (24%)
- Yellow (40%)
- Blue (58%)



- Cyan (59%)
- Magenta (6%)
- Yellow (0%)
- Black (42%)



- Cyan (76%)
- Magenta (46%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.7040, -49.3770, -13.7370 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 115.7040, -49.3770, -13.7370 by changing the saturation by 10% instead.

■ 115.7040,
-49.3770, -13.7370

■ 115.7040,
-49.3770, -13.7370

■ 255.0000, -0.0000,
-0.0000

■ 87.6110, -53.5490,
-15.2210

■ 170.3020,
-48.1850, -13.3130

■ 62.6000, -55.0160,
-16.1680

■ 198.3020,
-48.1850, -13.3130

■ 45.8900, -41.0330,
-10.7690

■ 226.0740,
-47.5430, -13.9350

■ 30.3540, -27.6000,
-6.4160

■ 238.8540,
-32.1840, -11.4480

■ 15.0460, -14.8090,
-1.4410

■ 247.5250,
-14.9000, -5.3000

■ 0.1140, -0.3210,
0.3110

■ 0.0000, 0.0000,

0.0000

■ 115.7040,
-49.3770, -13.7370

■ 115.7040,
-49.3770, -13.7370

■ 110.6320,
-58.0420, -16.3940

■ 121.3630,
-40.9870, -11.6030

■ 105.2720,
-65.8360, -18.3160

■ 126.1360,
-32.9180, -9.1580

■ 100.2000,
-74.5010, -20.9730

■ 131.7950,
-24.5280, -7.0240

■ 94.5410, -82.8910,
-23.1070

■ 136.8670,
-15.8630, -4.3670

■ 94.2420, -83.4870,
-23.3190

■ 142.2270, -8.0690,
-2.4450

■ 147.2990, 0.5960,
0.2120

■ 152.9580, 8.9860,
2.3460

■ 158.0300, 17.6510,
5.0030

■ 163.3900, 25.4450,
6.9250

Harmonies

Analogous

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



117.7840, -35.1630, -18.0350



115.7040, -49.3770, -13.7370



118.9420, -46.8110, -5.1710

Triad

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



115.7040, -49.3770, -13.7370



130.1240, 12.0550, 18.3190



126.1100, 22.6970, -9.3590

Complementary

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



115.7040, -49.3770, -13.7370



91.2960, 49.3770, 13.7370

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.



127.8820, 32.5070, 0.0830



115.7040, -49.3770, -13.7370



130.2690, 27.6440, 16.6360

Square

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



115.7040, -49.3770, -13.7370



129.0660, -8.3930, 14.4470



128.8750, 34.3850, 10.1050



123.6240, 6.3300, -15.6060

Rectangle

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



115.7040, -49.3770, -13.7370



122.6600, -36.9090, 2.6030



128.8750, 34.3850, 10.1050



126.2570, 26.7770, -6.2070

Sweetspot

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



115.7040, -49.3770, -13.7370



179.0730, -19.4390, -5.6390



112.0950, -26.8140, -42.7020



89.5470, -11.9660, -3.4060



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.



115.7040, -49.3770, -13.7370



142.1180, -77.2060, -21.5100



90.4630, -37.5520, 8.7520



71.3200, -3.8970, -0.9610



88.5200, -78.3980, -21.9340



6.4230, -5.6850, -1.5970

Inverse Universe

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



94.9050, 26.8140, 42.7020



109.5720, 41.8940, 66.7740



116.5370, 37.5520, -8.7520



69.7770, 2.2460, 3.3500



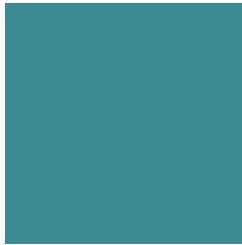
55.3980, 42.4440, 67.8200



4.0160, 3.0710, 4.9190

Previews

White Background



This preview shows how the YIQ color 115.7040, -49.3770, -13.7370 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 115.7040, -49.3770, -13.7370 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

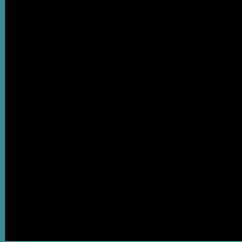
Any Text WCAG AA ✓ Pass

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 115.7040, -49.3770, -13.7370 Background



This preview shows how black text looks on a background with the YIQ color 115.7040, -49.3770, -13.7370.



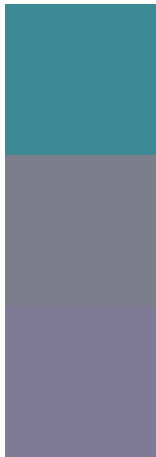
This preview shows how white text looks on a background with the YIQ color 115.7040, -49.3770, -13.7370.

-13.7370.

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

115.7040, -49.3770, -13.7370

Protanopia

127.1830, -4.7690, 3.8310

Deuteranopia

127.2740, -6.2830, 9.2450



Tritanopia

116.2310, -49.4230, -12.9030

Trichromacy



Original Color

115.7040, -49.3770, -13.7370

Protanomaly

122.6970, -21.1360, -2.4160

Deuteranomaly

122.9190, -21.6410, 1.2310

Tritanomaly

116.1170, -49.1020, -13.2140

Monochromacy



Original Color

115.7040, -49.3770, -13.7370

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.9700, -17.6510, -5.0030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.7040, -49.3770, -13.7370 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(60, 138, 147)` looks like.

```
.text, #text, p{  
    color:rgb(60, 138, 147)  
}
```

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(60, 138, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 138, 147) }
```

Border

The CSS property to change the border of an element to YIQ 115.7040, -49.3770, -13.7370 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(60, 138, 147) }
```


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

```
.border{ border-color:rgb(60, 138, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 138, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 138, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 138, 147);  
box-shadow:4px 4px 4px 4px rgb(60, 138,  
147) }
```

Background

The CSS property to change the background color of an element to YIQ 115.7040, -49.3770, -13.7370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 138, 147) }
```

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

```
.background{ background-color: rgb(60, 138,  
147) }
```

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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