

Converting Colors

YIQ(149.9620, -32.3680,
-8.1120)

Have a look what the booklet for
YIQ(149.9620, -32.3680, -8.1120)
contains.

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Color

**YIQ(149.9620, -32.3680,
-8.1120)**

Conversions

Conversions Part 1

Format	Color
Hex	72A4AC
RGB	114, 164, 172
RGB Percent	45%, 64%, 67%
CMY	0.5530, 0.3568, 0.3256
CMYK	0.34, 0.05, 0.00, 0.33
HSL	188°, 26%, 56%
HSV	188°, 34%, 67%
XYZ	27.6580, 33.1111, 43.9458
YIQ	149.9620, -32.3680, -8.1120

Conversions

Conversions Part 2

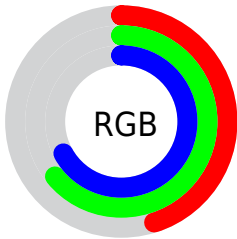
Format	Color
RYB	114, 141, 172
Decimal	7513260
CIELab	64.25, -14.58, -9.44
CIElCh	64, 17.366, 212.926
Yxy	33.1111, 0.2641, 0.3162
Android (android.graphics.Color)	4285703340 (0xFF72A4AC)
YUV	149.9620, 10.8647, -31.5387
Hunter-Lab	57.5423, -14.9021, -5.0009

Details

The YIQ color **149.9620, -32.3680, -8.1120** is a light color, and the websafe version is hex **669999**. A complement of this color would be **136.0380, 32.3680, 8.1120**, and the grayscale version is **150.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **204.6630, -32.9640, -8.3240**, and **97.9620, -32.3680, -8.1120** is the 20% darker color. If you saturate the color by 10%, you get **143.7050, -41.9500, -10.6700**, and if you desaturate by 10%, it is **156.2190, -22.7860, -5.5540**.

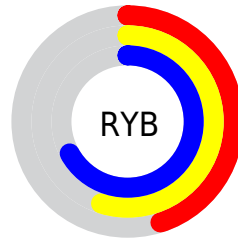
Distribution



Red (45%)

Green (64%)

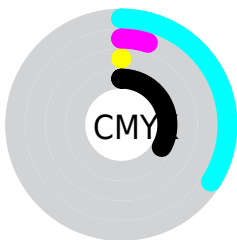
Blue (67%)



Red (45%)

Yellow (55%)

Blue (67%)

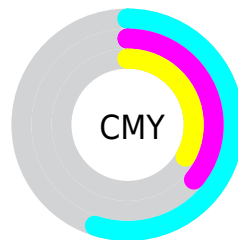


Cyan (34%)

Magenta (5%)

Yellow (0%)

Black (33%)



Cyan (55%)

Magenta (36%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 149.9620, -32.3680, -8.1120 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 149.9620, -32.3680, -8.1120 by changing the saturation by 10% instead.

■ 149.9620,
-32.3680, -8.1120

■ 149.9620,
-32.3680, -8.1120

■ 255.0000, -0.0000,
-0.0000

■ 123.8480,
-32.0470, -8.4230

■ 204.6630,
-32.9640, -8.3240

■ 97.9620, -32.3680,
-8.1120

■ 233.2500,
-33.2390, -8.8470

■ 73.2500, -33.2390,
-8.8470

■ 245.7310,
-18.4760, -6.5720

■ 47.1570, -37.4110,
-10.3310

■ 254.4020, -1.1920,
-0.4240

■ 30.2400, -27.2790,
-6.7270

■ 16.6930, -15.3130,
-3.3210

■ 0.0000, 0.0000,

0.0000

■ 149.9620,
-32.3680, -8.1120

■ 149.9620,
-32.3680, -8.1120

■ 143.7050,
-41.9500, -10.6700

■ 156.2190,
-22.7860, -5.5540

■ 136.8610,
-51.2570, -12.7050

■ 163.0630,
-13.4790, -3.5190

■ 130.3050,
-61.4350, -15.4750

■ 169.6190, -3.3010,
-0.7490

■ 124.0480,
-71.0170, -18.0330

■ 175.8760, 6.2810,
1.8090

■ 117.2040,
-80.3240, -20.0680

■ 182.7200, 15.5880,
3.8440

■ 110.9470,
-89.9060, -22.6260

■ 188.9770, 25.1700,
6.4020

■ 106.4840,
-95.9120, -23.9120

■ 195.8210, 34.4770,
8.4370

■ 202.3770, 44.6550,
11.2070

■ 204.4480, 45.8930,
10.7970

Harmonies

Analogous

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



150.0350, -25.4440, -12.4520



149.9620, -32.3680, -8.1120



151.8470, -30.3060, -1.4260

Triad

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



149.9620, -32.3680, -8.1120



158.5920, 10.4970, 13.5130



154.8690, 16.1860, -6.9980

Complementary

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



149.9620, -32.3680, -8.1120



136.0380, 32.3680, 8.1120

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.



156.5760, 24.6210, -0.1710



149.9620, -32.3680, -8.1120



158.6980, 21.8220, 12.0140

Square

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



149.9620, -32.3680, -8.1120



157.2250, -4.5870, 11.5490



157.5750, 26.3620, 6.8260



153.2910, 3.0740, -11.6620

Rectangle

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



149.9620, -32.3680, -8.1120



153.7170, -23.8880, 3.4080



157.5750, 26.3620, 6.8260



155.1900, 19.7160, -4.8920

Sweetspot

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



149.9620, -32.3680, -8.1120



215.6610, -12.2870, -3.0950



148.9580, -18.5180, -27.8460



106.9390, -7.1980, -1.7100



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



149.9620, -32.3680, -8.1120



190.3450, -49.7440, -12.5920



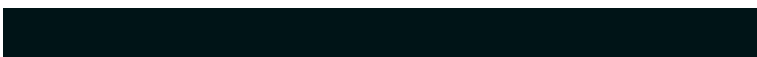
132.9390, -24.3930, 7.0550



83.7220, -5.0890, -1.3850



93.4100, -83.9000, -21.3400



14.3620, -12.8830, -3.3070

Inverse Universe

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



137.0420, 18.5180, 27.8460



170.3890, 28.3270, 42.8150



153.0610, 24.3930, -7.0550



81.6030, 2.7960, 4.3960



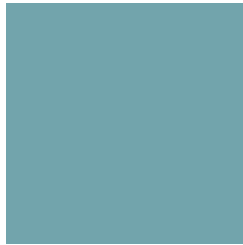
59.6700, 47.6700, 72.2300



9.1570, 7.2880, 11.0960

Previews

White Background



This preview shows how the YIQ color 149.9620, -32.3680, -8.1120 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 149.9620, -32.3680, -8.1120 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 ✓ Pass

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

YIQ 149.9620, -32.3680, -8.1120

Background



This preview shows how black text looks on a background with the YIQ color 149.9620, -32.3680, -8.1120.



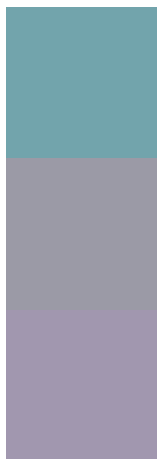
This preview shows how white text looks on a background with the YIQ color 149.9620, -32.3680, -8.1120.

-8.1120.

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

149.9620, -32.3680, -8.1120

Protanopia

155.6670, -3.2560, 3.9440

Deuteranopia

156.7260, -1.7440, 9.5840



Tritanopia

150.1300, -32.7810, -6.1330

Trichromacy



Original Color

149.9620, -32.3680, -8.1120

Protanomaly

153.7580, -13.9380, -0.7060

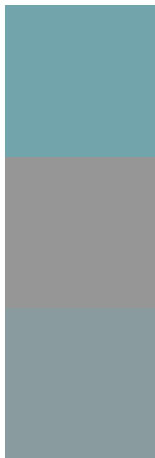
Deuteranomaly

154.4640, -12.9300, 3.0540

Tritanomaly

150.0160, -32.4600, -6.4440

Monochromacy



Original Color

149.9620, -32.3680, -8.1120

Achromatopsia

150.0000, -0.0000, -0.0000

Achromatomaly

149.9600, -11.6910, -2.8830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 149.9620, -32.3680, -8.1120 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(114, 164, 172)` looks like.

```
.text, #text, p{  
    color:rgb(114, 164, 172)  
}
```

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(114, 164, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 164, 172) }
```

Border

The CSS property to change the border of an element to YIQ 149.9620, -32.3680, -8.1120 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(114, 164, 172) }
```


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

```
.border{ border-color:rgb(114, 164, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 164, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 164, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 164, 172);  
box-shadow:4px 4px 4px 4px rgb(114, 164,  
172) }
```

Background

The CSS property to change the background color of an element to YIQ 149.9620, -32.3680, -8.1120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 164, 172) }
```

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

```
.background{ background-color: rgb(114,  
164, 172) }
```

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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