

Converting Colors

YIQ(109.0280, -32.7340,
-12.4940)

Have a look what the booklet for
YIQ(109.0280, -32.7340, -12.4940)
contains.

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Color

**YIQ(109.0280, -32.7340,
-12.4940)**

Conversions

Conversions Part 1

Format	Color
Hex	467E7C
RGB	70, 126, 124
RGB Percent	27%, 49%, 49%
CMY	0.7256, 0.5058, 0.5139
CMYK	0.44, 0.00, 0.02, 0.51
HSL	178°, 29%, 38%
HSV	178°, 44%, 49%
XYZ	13.6232, 17.6830, 21.7531
YIQ	109.0280, -32.7340, -12.4940

Conversions

Conversions Part 2

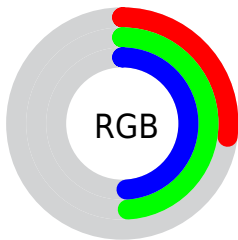
Format	Color
R_{YB}	70, 99, 126
Decimal	4619900
CIE _{Lab}	49.11, -18.98, -4.66
CIE _{LCh}	49, 19.540, 193.801
Yxy	17.6830, 0.2568, 0.3333
Android (android.graphics.Color)	4282809980 (0xFF467E7C)
YUV	109.0280, 7.3812, -34.2276
Hunter-Lab	42.0511, -15.7612, -1.2350

Details

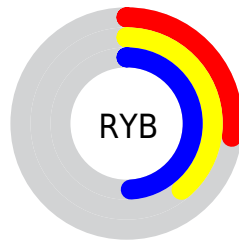
The YIQ color **109.0280, -32.7340, -12.4940** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **86.9720, 32.7340, 12.4940**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.6150, -33.0090, -13.0170**, and **58.2340, -36.3100, -13.7660** is the 20% darker color. If you saturate the color by 10%, you get **105.1410, -40.4820, -15.2500**, and if you desaturate by 10%, it is **112.9150, -24.9860, -9.7380**.

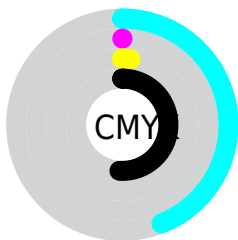
Distribution



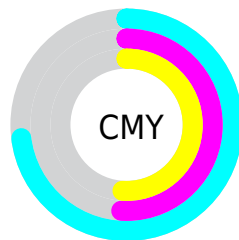
- Red (27%)
- Green (49%)
- Blue (49%)



- Red (27%)
- Yellow (39%)
- Blue (49%)



- Cyan (44%)
- Magenta (0%)
- Yellow (2%)
- Black (51%)



- Cyan (73%)
- Magenta (51%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.0280, -32.7340, -12.4940 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 109.0280, -32.7340, -12.4940 by changing the saturation by 10% instead.

■ 109.0280,
-32.7340, -12.4940

■ 109.0280,
-32.7340, -12.4940

■ 255.0000, -0.0000,
-0.0000

■ 83.7290, -33.3300,
-12.7060

■ 161.6150,
-33.0090, -13.0170

■ 58.2340, -36.3100,
-13.7660

■ 189.3160,
-33.6050, -13.2290

■ 37.7400, -31.8630,
-11.7590

■ 217.0170,
-34.2010, -13.4410

■ 23.0190, -19.3470,
-7.3070

■ 239.7510,
-30.3960, -10.8120

■ 0.9120, -2.5680,
2.4880

■ 248.4220,
-13.1120, -4.6640

■ 0.0000, 0.0000,
0.0000

■ 109.0280,
-32.7340, -12.4940

■ 109.0280,
-32.7340, -12.4940

■ 105.1410,
-40.4820, -15.2500

■ 112.9150,
-24.9860, -9.7380

■ 101.4390,
-47.3130, -18.1050

■ 116.6170,
-18.1550, -6.8830

■ 97.5520, -55.0610,
-20.8610

■ 120.5040,
-10.4070, -4.1270

■ 93.8500, -61.8920,
-23.7160

■ 124.2060, -3.5760,
-1.2720

■ 89.9630, -69.6400,
-26.4720

■ 128.0930, 4.1720,
1.4840


■ 87.7560, -73.4910,
-28.2670

■ 132.0940, 11.5990,
4.5510

■ 135.6820, 18.7510,
7.0950

■ 139.6830, 26.1780,

10.1620

 143.2710, 33.3300,
12.7060

Harmonies

Analogous

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



110.6890, -18.6580, -14.2900



109.0280, -32.7340, -12.4940



109.8520, -37.8700, -7.5180

Triad

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



109.0280, -32.7340, -12.4940



119.2150, 1.3730, 13.6690



116.9840, 23.2920, -3.6200

Complementary

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



109.0280, -32.7340, -12.4940



86.9720, 32.7340, 12.4940

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.



117.5920, 27.6920, 4.7480



109.0280, -32.7340, -12.4940



119.6420, 16.2280, 14.2760

Square

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



109.0280, -32.7340, -12.4940



117.0710, -15.9570, 8.3550



119.0250, 25.2150, 11.0950



115.0210, 12.7020, -9.9380

Rectangle

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



109.0280, -32.7340, -12.4940



111.5800, -33.9280, -1.8640



119.0250, 25.2150, 11.0950



117.3480, 25.2630, -0.7930

Sweetspot

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



109.0280, -32.7340, -12.4940



156.6070, -12.1950, -4.7630



103.7690, -13.6120, -28.6520



77.9990, -7.4270, -3.0670



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



109.0280, -32.7340, -12.4940



136.9440, -50.2930, -19.1650



94.5810, -26.5010, 1.2030



61.9070, -4.1720, -1.4840



89.1580, -74.6830, -28.6910



0.0000, 0.0000, 0.0000

Inverse Universe

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



86.9720, 32.7340, 12.4940



103.0560, 50.2930, 19.1650



101.4190, 26.5010, -1.2030



59.2070, 3.8510, 1.7950



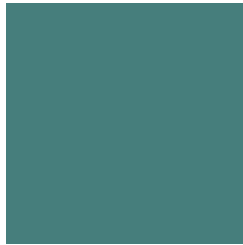
38.8420, 74.6830, 28.6910



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 109.0280, -32.7340, -12.4940 looks on a white 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

Black Background



This preview shows how the YIQ color 109.0280, -32.7340, -12.4940 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 109.0280, -32.7340, -12.4940 Background



This preview shows how black text looks on a background with the YIQ color 109.0280, -32.7340, -12.4940.



This preview shows how white text looks on a background with the YIQ color 109.0280, -32.7340, -12.4940.

-12.4940.

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

109.0280, -32.7340, -12.4940

Protanopia

116.8260, 0.5500, 1.0460

Deuteranopia

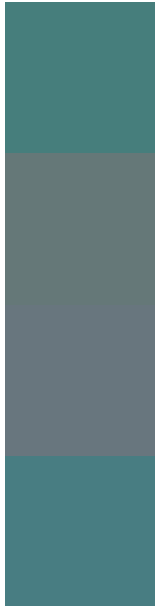
117.5860, 1.4660, 6.4740



Tritanopia

109.8910, -33.6060, -7.7020

Trichromacy



Original Color

109.0280, -32.7340, -12.4940

Protanomaly

114.3190, -11.3240, -4.0280

Deuteranomaly

114.7260, -10.9120, -0.4800

Tritanomaly

109.7230, -33.1930, -9.6810

Monochromacy



Original Color

109.0280, -32.7340, -12.4940

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.9060, -11.5990, -4.5510

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.0280, -32.7340, -12.4940 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(70, 126, 124)` looks like.

```
.text, #text, p{  
    color:rgb(70, 126, 124)  
}
```

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(70, 126, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 126, 124) }
```

Border

The CSS property to change the border of an element to YIQ 109.0280, -32.7340, -12.4940 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(70, 126, 124) }
```


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

```
.border{ border-color:rgb(70, 126, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 126, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 126, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 126, 124);  
box-shadow:4px 4px 4px 4px rgb(70, 126,  
124) }
```

Background

The CSS property to change the background color of an element to YIQ 109.0280, -32.7340, -12.4940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 126, 124) }
```

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

```
.background{ background-color: rgb(70, 126,  
124) }
```

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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