

Converting Colors

YIQ(111.2460, -27.4160,
-9.7520)

Have a look what the booklet for
YIQ(111.2460, -27.4160, -9.7520)
contains.

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Color

**YIQ(111.2460, -27.4160,
-9.7520)**

Conversions

Conversions Part 1

Format	Color
Hex	4F7D7D
RGB	79, 125, 125
RGB Percent	31%, 49%, 49%
CMY	0.6903, 0.5097, 0.5099
CMYK	0.37, 0.00, 0.00, 0.51
HSL	180°, 23%, 40%
HSV	180°, 37%, 49%
XYZ	14.2581, 17.8132, 22.0795
YIQ	111.2460, -27.4160, -9.7520

Conversions

Conversions Part 2

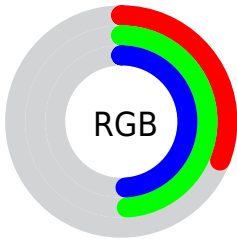
Format	Color
R_{YB}	79, 102, 125
Decimal	5209469
CIE _{Lab}	49.27, -15.66, -4.97
CIE _{LCh}	49, 16.429, 197.603
Yxy	17.8132, 0.2633, 0.3290
Android (android.graphics.Color)	4283399549 (0xFF4F7D7D)
YUV	111.2460, 6.7807, -28.2797
Hunter-Lab	42.2056, -13.5582, -1.4732

Details

The YIQ color **111.2460, -27.4160, -9.7520** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **92.7540, 27.4160, 9.7520**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.6480, -28.6080, -10.1760**, and **61.9470, -28.0120, -9.9640** is the 20% darker color. If you saturate the color by 10%, you get **107.3590, -35.1640, -12.5080**, and if you desaturate by 10%, it is **114.8340, -20.2640, -7.2080**.

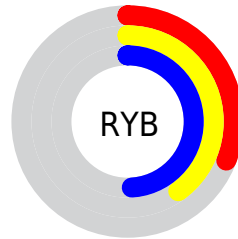
Distribution



Red (31%)

Green (49%)

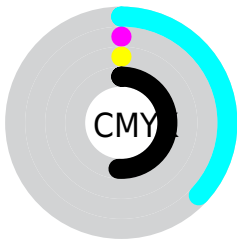
Blue (49%)



Red (31%)

Yellow (40%)

Blue (49%)

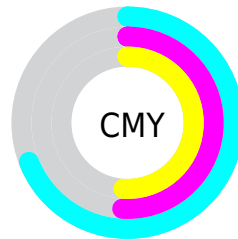


Cyan (37%)

Magenta (0%)

Yellow (0%)

Black (51%)



Cyan (69%)

Magenta (51%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.2460, -27.4160, -9.7520 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 111.2460, -27.4160, -9.7520 by changing the saturation by 10% instead.

■ 111.2460,
-27.4160, -9.7520

■ 111.2460,
-27.4160, -9.7520

■ 255.0000, -0.0000,
-0.0000

■ 86.2460, -27.4160,
-9.7520

■ 163.6480,
-28.6080, -10.1760

■ 61.9470, -28.0120,
-9.9640

■ 190.6480,
-28.6080, -10.1760

■ 37.2670, -31.9090,
-10.9250

■ 219.2350,
-28.8830, -10.6990

■ 22.4320, -19.0720,
-6.7840

■ 242.4420,
-25.0320, -8.9040

■ 1.0260, -2.8890,
2.7990

■ 250.8140, -8.3440,
-2.9680

■ 0.0000, 0.0000,
0.0000

■ 111.2460,
-27.4160, -9.7520

■ 111.2460,
-27.4160, -9.7520

■ 107.3590,
-35.1640, -12.5080

■ 114.8340,
-20.2640, -7.2080

■ 103.7710,
-42.3160, -15.0520

■ 118.7210,
-12.5160, -4.4520

■ 99.8840, -50.0640,
-17.8080

■ 122.3090, -5.3640,
-1.9080

■ 96.2960, -57.2160,
-20.3520

■ 126.1960, 2.3840,
0.8480

■ 92.4090, -64.9640,
-23.1080

■ 129.7840, 9.5360,
3.3920

■ 88.8210, -72.1160,
-25.6520

■ 133.6710, 17.2840,
6.1480

■ 87.6250, -74.5000,
-26.5000

■ 137.2590, 24.4360,
8.6920

■ 141.1460, 32.1840,

11.4480

■ 144.7340, 39.3360,
13.9920

Harmonies

Analogous

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



112.3410, -17.5580, -12.1980



111.2460, -27.4160, -9.7520



111.7390, -30.1220, -4.7620

Triad

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



111.2460, -27.4160, -9.7520



119.2320, 2.7030, 11.5910



116.9450, 19.0280, -3.4360

Complementary

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



111.2460, -27.4160, -9.7520



92.7540, 27.4160, 9.7520

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.



118.3850, 23.8410, 2.9530



111.2460, -27.4160, -9.7520



119.5770, 14.8530, 11.6610

Square

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



111.2460, -27.4160, -9.7520



117.8820, -11.0510, 7.5490



118.8890, 22.6020, 8.8900



115.6940, 9.3090, -9.0190

Rectangle

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



111.2460, -27.4160, -9.7520



113.5270, -26.4090, -0.4650



118.8890, 22.6020, 8.8900



117.7820, 21.0450, -1.4430

Sweetspot

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



111.2460, -27.4160, -9.7520



157.6180, -10.7280, -3.8160



106.3010, -12.0540, -23.8460



78.7110, -6.5560, -2.3320



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.



111.2460, -27.4160, -9.7520



141.4720, -42.9120, -15.2640



98.3320, -21.3660, 1.7540



61.9070, -4.1720, -1.4840



89.6140, -75.9670, -27.4470



0.0000, 0.0000, 0.0000

Inverse Universe

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



92.7540, 27.4160, 9.7520



112.5280, 42.9120, 15.2640



105.6680, 21.3660, -1.7540



59.0930, 4.1720, 1.4840



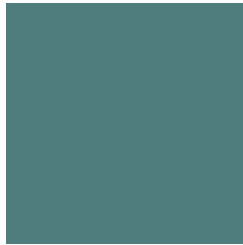
38.2720, 76.2880, 27.1360



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 111.2460, -27.4160, -9.7520 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 111.2460, -27.4160, -9.7520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

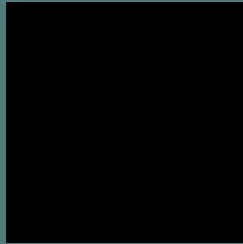
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 111.2460, -27.4160, -9.7520

Background



This preview shows how black text looks on a background with the YIQ color 111.2460, -27.4160, -9.7520.



This preview shows how white text looks on a background with the YIQ color 111.2460, -27.4160, -9.7520.

-9.7520.

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

111.2460, -27.4160, -9.7520

Protanopia

117.0540, -0.0920, 1.6680

Deuteranopia

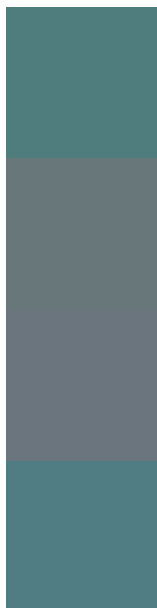
117.5860, 1.4660, 6.4740



Tritanopia

112.2830, -28.8380, -6.0060

Trichromacy



Original Color

111.2460, -27.4160, -9.7520

Protanomaly

114.8570, -9.9030, -2.2470

Deuteranomaly

115.0360, -8.8490, 0.6790

Tritanomaly

111.6420, -28.4710, -7.1510

Monochromacy



Original Color

111.2460, -27.4160, -9.7520

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

110.9170, -10.1320, -3.6040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.2460, -27.4160, -9.7520 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(79, 125, 125)` looks like.

```
.text, #text, p{  
    color:rgb(79, 125, 125)  
}
```

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(79, 125, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 125, 125) }
```

Border

The CSS property to change the border of an element to YIQ 111.2460, -27.4160, -9.7520 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(79, 125, 125) }
```


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

```
.border{ border-color:rgb(79, 125, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 125, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 125, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 125, 125);  
box-shadow:4px 4px 4px 4px rgb(79, 125,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 111.2460, -27.4160, -9.7520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 125, 125) }
```

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

```
.background{ background-color: rgb(79, 125,  
125) }
```

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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