

Converting Colors

YIQ(111.7610, -36.3560,
-12.9320)

Have a look what the booklet for
YIQ(111.7610, -36.3560, -12.9320)
contains.

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Color

**YIQ(111.7610, -36.3560,
-12.9320)**

Conversions

Conversions Part 1

Format	Color
Hex	458282
RGB	69, 130, 130
RGB Percent	27%, 51%, 51%
CMY	0.7295, 0.4901, 0.4903
CMYK	0.47, 0.00, 0.00, 0.49
HSL	180°, 31%, 39%
HSV	180°, 47%, 51%
XYZ	14.4645, 18.8467, 23.9816
YIQ	111.7610, -36.3560, -12.9320

Conversions

Conversions Part 2

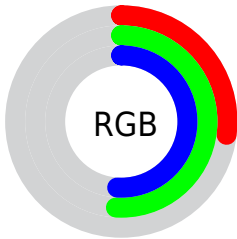
Format	Color
RYB	69, 100, 130
Decimal	4555394
CIELab	50.51, -19.72, -6.11
CIELCh	51, 20.649, 197.224
Yxy	18.8467, 0.2525, 0.3290
Android (android.graphics.Color)	4282745474 (0xFF458282)
YUV	111.7610, 8.9918, -37.5014
Hunter-Lab	43.4127, -16.4988, -2.3634

Details

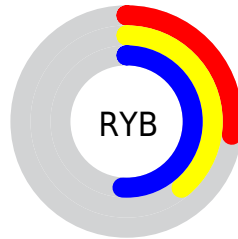
The YIQ color **111.7610, -36.3560, -12.9320** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **87.2390, 36.3560, 12.9320**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.7610, -36.3560, -12.9320**, and **58.8850, -42.6370, -14.7410** is the 20% darker color. If you saturate the color by 10%, you get **107.8740, -44.1040, -15.6880**, and if you desaturate by 10%, it is **115.6480, -28.6080, -10.1760**.

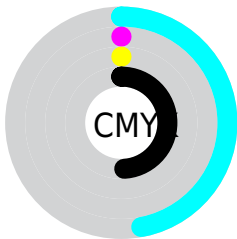
Distribution



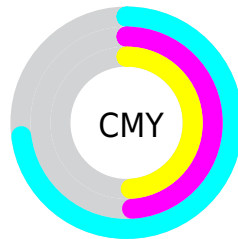
- Red (27%)
- Green (51%)
- Blue (51%)



- Red (27%)
- Yellow (39%)
- Blue (51%)



- Cyan (47%)
- Magenta (0%)
- Yellow (0%)
- Black (49%)



- Cyan (73%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.7610, -36.3560, -12.9320 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 111.7610, -36.3560, -12.9320 by changing the saturation by 10% instead.

■ 111.7610,
-36.3560, -12.9320

■ 111.7610,
-36.3560, -12.9320

■ 255.0000, -0.0000,
-0.0000

■ 86.1630, -37.5480,
-13.3560

■ 164.7610,
-36.3560, -12.9320

■ 58.8850, -42.6370,
-14.7410

■ 192.3480,
-36.6310, -13.4550

■ 40.0710, -34.2930,
-11.7730

■ 220.1630,
-37.5480, -13.3560

■ 24.6490, -21.1810,
-7.1090

■ 240.0500,
-29.8000, -10.6000

■ 4.1720, -6.2360,
2.8840

■ 248.4220,
-13.1120, -4.6640

■ 0.0000, 0.0000,
0.0000

■ 111.7610,
-36.3560, -12.9320

■ 111.7610,
-36.3560, -12.9320

■ 107.8740,
-44.1040, -15.6880

■ 115.6480,
-28.6080, -10.1760

■ 103.9870,
-51.8520, -18.4440

■ 119.5350,
-20.8600, -7.4200

■ 100.1000,
-59.6000, -21.2000

■ 123.4220,
-13.1120, -4.6640

■ 96.2130, -67.3480,
-23.9560

■ 127.3090, -5.3640,
-1.9080

■ 92.3260, -75.0960,
-26.7120

■ 131.1960, 2.3840,
0.8480

■ 91.1300, -77.4800,
-27.5600

■ 135.0830, 10.1320,
3.6040

■ 138.9700, 17.8800,
6.3600

■ 142.8570, 25.6280,

9.1160

■ 146.7440, 33.3760,
11.8720

Harmonies

Analogous

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



113.8950, -22.2340, -15.5620



111.7610, -36.3560, -12.9320



112.5960, -40.0250, -7.0090

Triad

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



111.7610, -36.3560, -12.9320



122.5250, 3.4360, 14.8280



120.3430, 23.6590, -4.7650

Complementary

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



111.7610, -36.3560, -12.9320



87.2390, 36.3560, 12.9320

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.



121.4350, 29.5720, 3.7160



111.7610, -36.3560, -12.9320



122.8380, 18.6120, 15.1240

Square

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



111.7610, -36.3560, -12.9320



120.6090, -14.5360, 10.1360



122.6940, 27.6450, 11.1090



118.1950, 12.1520, -10.9840

Rectangle

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



111.7610, -36.3560, -12.9320



115.5090, -35.1660, -1.4540



122.6940, 27.6450, 11.1090



120.8920, 26.5470, -2.0370

Sweetspot

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



111.7610, -36.3560, -12.9320



161.1230, -13.7080, -4.8760



105.1060, -16.1790, -31.6910



79.8140, -8.3440, -2.9680



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



111.7610, -36.3560, -12.9320



139.8940, -56.0240, -19.9280



94.7380, -28.3810, 2.2350



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.



87.2390, 36.3560, 12.9320



102.1060, 56.0240, 19.9280



104.2620, 28.3810, -2.2350



59.0930, 4.1720, 1.4840



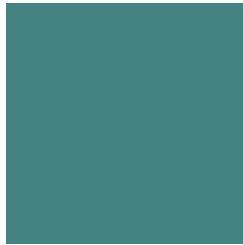
38.2720, 76.2880, 27.1360



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 111.7610, -36.3560, -12.9320 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 111.7610, -36.3560, -12.9320 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

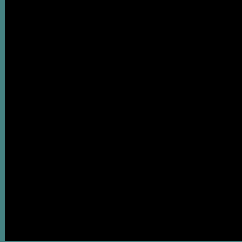
Any Text WCAG AA ✓ Pass

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 111.7610, -36.3560, -12.9320 Background



This preview shows how black text looks on a background with the YIQ color 111.7610, -36.3560, -12.9320.



This preview shows how white text looks on a background with the YIQ color 111.7610, -36.3560, -12.9320.

-12.9320.

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

111.7610, -36.3560, -12.9320

Protanopia

120.0540, -0.0920, 1.6680

Deuteranopia

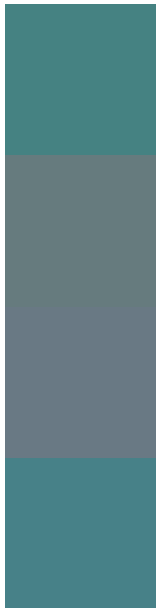
120.6290, -0.0930, 7.1950



Tritanopia

113.0970, -37.1820, -8.9740

Trichromacy



Original Color

111.7610, -36.3560, -12.9320

Protanomaly

117.0630, -13.4790, -3.5190

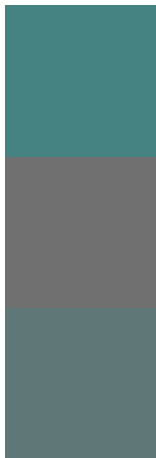
Deuteranomaly

117.4700, -13.0670, 0.0290

Tritanomaly

112.4560, -36.8150, -10.1190

Monochromacy



Original Color

111.7610, -36.3560, -12.9320

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.1230, -13.7080, -4.8760

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.7610, -36.3560, -12.9320 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(69, 130, 130)` looks like.

```
.text, #text, p{  
    color:rgb(69, 130, 130)  
}
```

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(69, 130, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 130, 130) }
```

Border

The CSS property to change the border of an element to YIQ 111.7610, -36.3560, -12.9320 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(69, 130, 130) }
```


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

```
.border{ border-color:rgb(69, 130, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 130, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 130, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 130, 130);  
box-shadow:4px 4px 4px 4px rgb(69, 130,  
130) }
```

Background

The CSS property to change the background color of an element to YIQ 111.7610, -36.3560, -12.9320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 130, 130) }
```

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

```
.background{ background-color: rgb(69, 130,  
130) }
```

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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