

Converting Colors

YIQ(111.7750, -12.6080,
-2.7840)

Have a look what the booklet for
YIQ(111.7750, -12.6080, -2.7840)
contains.

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Color

**YIQ(111.7750, -12.6080,
-2.7840)**

Conversions

Conversions Part 1

Format	Color
Hex	627579
RGB	98, 117, 121
RGB Percent	38%, 46%, 47%
CMY	0.6157, 0.5411, 0.5255
CMYK	0.19, 0.03, 0.00, 0.53
HSL	190°, 11%, 43%
HSV	190°, 19%, 47%
XYZ	14.8484, 16.7007, 20.5258
YIQ	111.7750, -12.6080, -2.7840

Conversions

Conversions Part 2

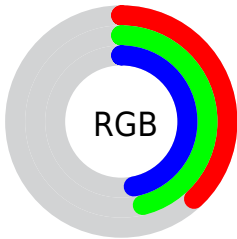
Format	Color
R_{YB}	98, 108, 121
Decimal	6452601
CIE _{Lab}	47.88, -6.06, -4.54
CIE _{LCh}	48, 7.570, 216.830
Yxy	16.7007, 0.2851, 0.3207
Android (android.graphics.Color)	4284642681 (0xFF627579)
YUV	111.7750, 4.5479, -12.0807
Hunter-Lab	40.8664, -6.6601, -1.1728

Details

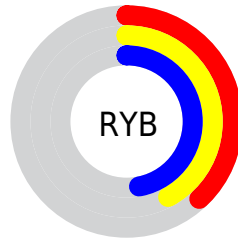
The YIQ color $111.7750, -12.6080, -2.7840$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $107.2250, 12.6080, 2.7840$, and the grayscale version is $112.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $163.4760, -13.2040, -2.9960$, and $64.0740, -12.0120, -2.5720$ is the 20% darker color. If you saturate the color by 10%, you get $107.0130, -19.2100, -4.2820$, and if you desaturate by 10%, it is $116.5370, -6.0060, -1.2860$.

Distribution



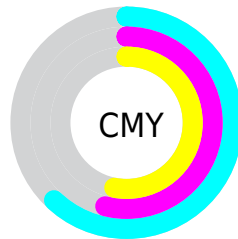
- Red (38%)
- Green (46%)
- Blue (47%)



- Red (38%)
- Yellow (42%)
- Blue (47%)



- Cyan (19%)
- Magenta (3%)
- Yellow (0%)
- Black (53%)



- Cyan (62%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.7750, -12.6080, -2.7840 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 111.7750, -12.6080, -2.7840 by changing the saturation by 10% instead.

■ 111.7750,
-12.6080, -2.7840

■ 111.7750,
-12.6080, -2.7840

■ 255.0000, -0.0000,
-0.0000

■ 87.0740, -12.0120,
-2.5720

■ 163.4760,
-13.2040, -2.9960

■ 64.0740, -12.0120,
-2.5720

■ 190.5900,
-13.5250, -2.6850

■ 41.9600, -11.6910,
-2.8830

■ 218.2910,
-14.1210, -2.8970

■ 20.6610, -12.2870,
-3.0950

■ 246.9490,
-13.1580, -3.8300

■ 0.2280, -0.6420,
0.6220

■ 0.0000, 0.0000,
0.0000

■ 111.7750,
-12.6080, -2.7840

■ 111.7750,
-12.6080, -2.7840

■ 107.0130,
-19.2100, -4.2820

■ 116.5370, -6.0060,
-1.2860

■ 102.2510,
-25.8120, -5.7800

■ 121.2990, 0.5960,
0.2120

■ 97.4890, -32.4140,
-7.2780

■ 126.0610, 7.1980,
1.7100

■ 92.7270, -39.0160,
-8.7760

■ 130.8230, 13.8000,
3.2080

■ 87.6660, -46.2140,
-10.4860

■ 135.5850, 20.4020,
4.7060

■ 82.3170, -52.5410,
-11.4610

■ 141.2330, 27.3250,
5.8930

■ 77.5550, -59.1430,
-12.9590

■ 145.9950, 33.9270,
7.3910

■ 72.7930, -65.7450,

■ 150.7570, 40.5290,

-14.4570

8.8890

■ 72.4940, -66.3410,
-14.6690

■ 155.5190, 47.1310,
10.3870

Harmonies

Analogous

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



111.3900, -10.0860, -4.4380



111.7750, -12.6080, -2.7840



112.8400, -11.2330, -0.1690

Triad

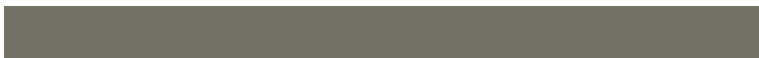
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



111.7750, -12.6080, -2.7840



114.9130, 4.8590, 5.5550



113.4150, 5.9610, -3.4070

Complementary

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



111.7750, -12.6080, -2.7840



107.2250, 12.6080, 2.7840

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.



114.4480, 10.3620, -0.5660



111.7750, -12.6080, -2.7840



114.7240, 9.7650, 4.7490

Square

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



111.7750, -12.6080, -2.7840



114.8630, -0.8720, 4.7920



114.6270, 11.4160, 2.3600



112.7240, 0.5970, -5.3150

Rectangle

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



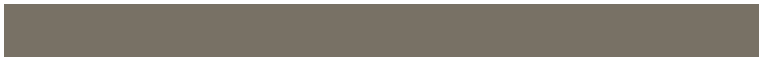
111.7750, -12.6080, -2.7840



112.9760, -8.6200, 2.0360



114.6270, 11.4160, 2.3600



113.7250, 8.0240, -2.2480

Sweetspot

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



111.7750, -12.6080, -2.7840



154.1350, -4.8140, -0.8620



111.9570, -7.6090, -10.7850



76.9180, -2.7050, -0.5370



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



111.7750, -12.6080, -2.7840



143.7140, -19.8060, -4.4940



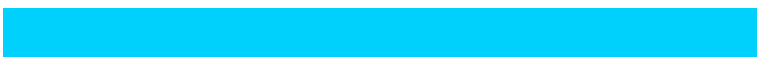
105.3180, -9.5830, 2.9690



58.6190, -3.3010, -0.7490



74.7110, -68.4500, -14.9940



151.4110, -138.3670, -30.9350

Inverse Universe

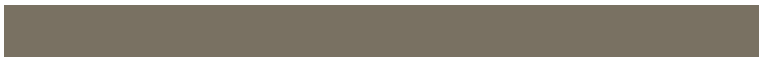
The Inverse Universe completely reimagines the original color for something new.



107.0430, 7.6090, 10.7850



136.1840, 11.8260, 16.9620



113.6820, 9.5830, -2.9690



57.3640, 1.9710, 2.8270



49.1170, 41.4370, 58.5330



99.1740, 83.1030, 118.4230

Previews

White Background



This preview shows how the YIQ color 111.7750, -12.6080, -2.7840 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 111.7750, -12.6080, -2.7840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

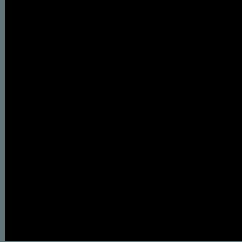
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.7750, -12.6080, -2.7840

Background



This preview shows how black text looks on a background with the YIQ color 111.7750, -12.6080, -2.7840.



This preview shows how white text looks on a background with the YIQ color 111.7750, -12.6080, -2.7840.

-2.7840.

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

111.7750, -12.6080, -2.7840

Protanopia

113.8690, -1.0090, 1.7670

Deuteranopia

114.3580, 2.1080, 5.8520



Tritanopia

112.0570, -13.3420, -0.4940

Trichromacy



Original Color

111.7750, -12.6080, -2.7840

Protanomaly

112.7760, -5.1810, 0.2830

Deuteranomaly

113.7270, -3.4850, 2.5870

Tritanomaly

111.8290, -12.7000, -1.1160

Monochromacy



Original Color

111.7750, -12.6080, -2.7840

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.0210, -4.4930, -1.1730

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.7750, -12.6080, -2.7840 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(98, 117, 121)` looks like.

```
.text, #text, p{  
    color:rgb(98, 117, 121)  
}
```

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(98, 117, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 117, 121) }
```

Border

The CSS property to change the border of an element to YIQ 111.7750, -12.6080, -2.7840 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(98, 117, 121) }
```


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

```
.border{ border-color:rgb(98, 117, 121) }
```

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

Here you see how a box with a 4 pixel rgb(98, 117, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 117, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 117, 121);  
box-shadow:4px 4px 4px 4px rgb(98, 117,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 111.7750, -12.6080, -2.7840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 117, 121) }
```

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

```
.background{ background-color: rgb(98, 117,  
121) }
```

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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