

Converting Colors

YIQ(148.7740, -12.0080,
-24.6800)

Have a look what the booklet for
YIQ(148.7740, -12.0080, -24.6800)
contains.

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Color

**YIQ(148.7740, -12.0080,
-24.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	7AA878
RGB	122, 168, 120
RGB Percent	48%, 66%, 47%
CMY	0.5217, 0.3411, 0.5294
CMYK	0.27, 0.00, 0.29, 0.34
HSL	118°, 22%, 56%
HSV	118°, 29%, 66%
XYZ	25.4172, 33.5033, 22.8956
YIQ	148.7740, -12.0080, -24.6800

Conversions

Conversions Part 2

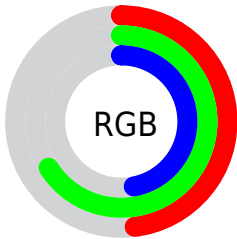
Format	Color
R _{YB}	120, 168, 166
Decimal	8038520
CIE _{Lab}	64.57, -25.14, 19.98
CIE _{LCh}	65, 32.109, 141.526
Y _{xy}	33.5033, 0.3107, 0.4095
Android (android.graphics.Color)	4286228600 (0xFF7AA878)
Y _{UV}	148.7740, -14.1856, -23.4808
Hunter-Lab	57.8821, -22.9107, 17.0649

Details

The YIQ color **148.7740, -12.0080, -24.6800** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **139.2260, 12.0080, 24.6800**, and the grayscale version is **149.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **202.9480, -12.5580, -25.7260**, and **97.7140, -11.7790, -23.3230** is the 20% darker color. If you saturate the color by 10%, you get **142.0520, -16.0870, -33.3590**, and if you desaturate by 10%, it is **155.4960, -7.9290, -16.0010**.

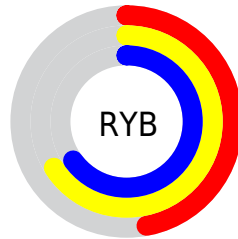
Distribution



Red (48%)

Green (66%)

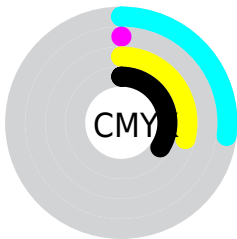
Blue (47%)



Red (47%)

Yellow (66%)

Blue (65%)

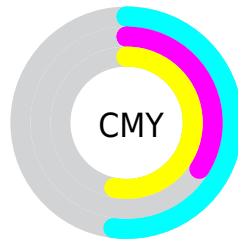


Cyan (27%)

Magenta (0%)

Yellow (29%)

Black (34%)



Cyan (52%)

Magenta (34%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 148.7740, -12.0080, -24.6800 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 148.7740, -12.0080, -24.6800 by changing the saturation by 10% instead.

■ 148.7740,
-12.0080, -24.6800

■ 148.7740,
-12.0080, -24.6800

■ 255.0000, -0.0000,
-0.0000

■ 122.3010,
-12.0540, -23.8460

■ 202.9480,
-12.5580, -25.7260

■ 97.4150, -12.3750,
-23.5350

■ 231.4210,
-12.5120, -26.5600

■ 72.9420, -12.4210,
-22.7010

■ 245.0450, -5.0410,
-13.2730

■ 49.1700, -13.0630,
-22.0790

■ 26.0560, -12.7420,
-22.3900

■ 14.6750, -6.8750,
-13.0750

■ 0.0000, 0.0000,

0.0000

■ 148.7740,
-12.0080, -24.6800

■ 148.7740,
-12.0080, -24.6800

■ 142.0520,
-16.0870, -33.3590

■ 155.4960, -7.9290,
-16.0010

■ 135.3300,
-20.1660, -42.0380

■ 162.2180, -3.8500,
-7.3220

■ 128.7220,
-24.5660, -50.4060

■ 168.8260, 0.5500,
1.0460

■ 122.0000,
-28.6450, -59.0850

■ 175.5480, 4.6290,
9.7250

■ 114.9790,
-33.3200, -67.9760

■ 182.5690, 9.3040,
18.6160

■ 108.2570,
-37.3990, -76.6550

■ 189.2910, 13.3830,
27.2950

■ 101.5350,
-41.4780, -85.3340

■ 196.0130, 17.4620,
35.9740

■ 100.7090,
-42.0280, -86.3800

■ 202.6210, 21.8620,
44.3420

■ 203.9310, 23.9250,
45.5010

Harmonies

Analogous

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



152.4800, 15.3630, -19.6210



148.7740, -12.0080, -24.6800



143.7350, -42.6350, -25.7950

Triad

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



148.7740, -12.0080, -24.6800



150.4720, -50.9390, 3.5650



159.1370, 45.5710, 16.6350

Complementary

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



148.7740, -12.0080, -24.6800



139.2260, 12.0080, 24.6800

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.



160.0620, 32.9610, 24.9050



148.7740, -12.0080, -24.6800



157.7150, -20.4060, 17.4020

Square

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



148.7740, -12.0080, -24.6800



140.9540, -73.4480, -12.5200



160.6710, 9.2570, 24.9770



157.2320, 46.2610, 4.1250

Rectangle

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



148.7740, -12.0080, -24.6800



139.4370, -62.1670, -24.2390



160.6710, 9.2570, 24.9770



159.5760, 42.9570, 19.9570

Sweetspot

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



148.7740, -12.0080, -24.6800



211.1530, -5.2250, -9.9370



161.3540, 15.9580, -13.8820



105.0440, -3.3000, -6.2760



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



148.7740, -12.0080, -24.6800



189.3350, -18.5620, -38.0660



150.6840, -20.2620, -18.2620



80.6960, -2.2000, -4.1840



88.6700, -37.1240, -76.1320



12.0390, -4.9040, -10.2480

Inverse Universe

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



139.2260, 12.0080, 24.6800



174.6650, 18.5620, 38.0660



137.3160, 20.2620, 18.2620



79.3040, 2.2000, 4.1840



59.3300, 37.1240, 76.1320



8.2600, 5.5000, 10.4600

Previews

White Background



This preview shows how the YIQ color 148.7740, -12.0080, -24.6800 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 148.7740, -12.0080, -24.6800 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 148.7740, -12.0080, -24.6800 Background



This preview shows how black text looks on a background with the YIQ color 148.7740, -12.0080, -24.6800.



This preview shows how white text looks on a background with the YIQ color 148.7740, -12.0080,

-24.6800.

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

148.7740, -12.0080, -24.6800

Protanopia

154.9140, 20.3130, -10.2070

Deuteranopia

156.6040, 27.4180, -1.3020



Tritanopia

153.8110, -21.4570, -2.1050

Trichromacy



Original Color

148.7740, -12.0080, -24.6800

Protanomaly

152.4070, 8.4390, -15.2810

Deuteranomaly

154.0210, 12.7020, -9.9380

Tritanomaly

152.0960, -18.2460, -10.7420

Monochromacy



Original Color

148.7740, -12.0080, -24.6800

Achromatopsia

149.0000, 0.0000, -0.0000

Achromatomaly

148.8650, -4.3540, -9.2020

CSS Examples

Text

The CSS property to change the color of the text to YIQ 148.7740, -12.0080, -24.6800 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(122, 168, 120)` looks like.

```
.text, #text, p{  
    color:rgb(122, 168, 120)  
}
```

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(122, 168, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 168, 120) }
```

Border

The CSS property to change the border of an element to YIQ 148.7740, -12.0080, -24.6800 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(122, 168, 120) }
```


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

```
.border{ border-color:rgb(122, 168, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 168, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 168, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 168, 120);  
box-shadow:4px 4px 4px 4px rgb(122, 168,  
120) }
```

Background

The CSS property to change the background color of an element to YIQ 148.7740, -12.0080, -24.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 168, 120) }
```

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

```
.background{ background-color: rgb(122,  
168, 120) }
```

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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