

Converting Colors

YIQ(128.5050, -12.1480,
-11.1240)

Have a look what the booklet for
YIQ(128.5050, -12.1480, -11.1240)
contains.

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Color

**YIQ(128.5050, -12.1480,
-11.1240)**

Conversions

Conversions Part 1

Format	Color
Hex	6E8B7B
RGB	110, 139, 123
RGB Percent	43%, 55%, 48%
CMY	0.5687, 0.4548, 0.5177
CMYK	0.21, 0.00, 0.12, 0.45
HSL	147°, 12%, 49%
HSV	147°, 21%, 55%
XYZ	19.2369, 23.2123, 22.2024
YIQ	128.5050, -12.1480, -11.1240

Conversions

Conversions Part 2

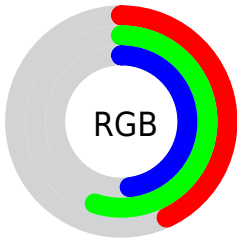
Format	Color
R_{YB}	110, 130, 139
Decimal	7244667
CIE _{Lab}	55.29, -13.72, 5.20
CIE _{LCh}	55, 14.673, 159.260
Yxy	23.2123, 0.2975, 0.3590
Android (android.graphics.Color)	4285434747 (0xFF6E8B7B)
YUV	128.5050, -2.7140, -16.2289
Hunter-Lab	48.1791, -13.0424, 6.4027

Details

The YIQ color $128.5050, -12.1480, -11.1240$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $120.4950, 12.1480, 11.1240$, and the grayscale version is $129.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $181.6790, -12.6980, -12.1700$, and $79.2170, -11.2770, -10.3890$ is the 20% darker color. If you saturate the color by 10%, you get $123.4070, -17.9240, -16.5800$, and if you desaturate by 10%, it is $133.6030, -6.3720, -5.6680$.

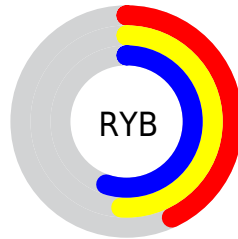
Distribution



Red (43%)

Green (55%)

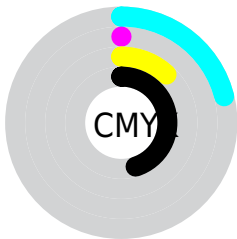
Blue (48%)



Red (43%)

Yellow (51%)

Blue (55%)

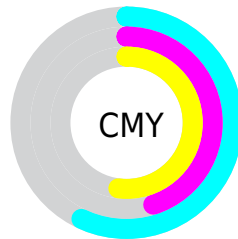


Cyan (21%)

Magenta (0%)

Yellow (12%)

Black (45%)



Cyan (57%)

Magenta (45%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.5050, -12.1480, -11.1240 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 128.5050, -12.1480, -11.1240 by changing the saturation by 10% instead.

■ 128.5050,
-12.1480, -11.1240

■ 128.5050,
-12.1480, -11.1240

■ 255.0000, -0.0000,
-0.0000

■ 102.9180,
-11.8730, -10.6010

■ 181.6790,
-12.6980, -12.1700

■ 79.2170, -11.2770,
-10.3890

■ 208.7930,
-13.0190, -11.8590

■ 55.7440, -11.3230,
-9.5550

■ 237.3800,
-13.2940, -12.3820

■ 33.8580, -11.6440,
-9.2440

■ 252.3090, -5.3640,
-1.9080

■ 14.7720, -8.5260,
-10.6860

■ 0.0000, 0.0000,
0.0000

■ 128.5050,
-12.1480, -11.1240

■ 128.5050,
-12.1480, -11.1240

■ 123.4070,
-17.9240, -16.5800

■ 133.6030, -6.3720,
-5.6680

■ 118.4230,
-24.0210, -21.7250

■ 138.5870, -0.2750,
-0.5230

■ 113.3250,
-29.7970, -27.1810

■ 143.6850, 5.5010,
4.9330

■ 108.2270,
-35.5730, -32.6370

■ 148.7830, 11.2770,
10.3890

■ 103.2430,
-41.6700, -37.7820

■ 153.4680, 16.7780,
15.3220

■ 98.4440, -46.8500,
-43.0260

■ 158.5660, 22.5540,
20.7780

■ 93.3460, -52.6260,
-48.4820

■ 163.6640, 28.3300,
26.2340

■ 88.6610, -58.1270,

■ 168.6480, 34.4270,

-53.4150

31.3790

■ 173.7460, 40.2030,
36.8350

Harmonies

Analogous

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



130.2630, 0.2770, -10.5310



128.5050, -12.1480, -11.1240



127.5840, -22.5560, -9.7240

Triad

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



128.5050, -12.1480, -11.1240



132.1590, -13.3890, 5.8670



133.9550, 22.2360, 4.5080

Complementary

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



128.5050, -12.1480, -11.1240



120.4950, 12.1480, 11.1240

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.



135.0350, 19.2550, 8.9750



128.5050, -12.1480, -11.1240



134.3240, -0.5520, 10.0080

Square

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



128.5050, -12.1480, -11.1240



129.9080, -23.1080, 0.2840



135.0110, 10.6350, 11.0110



132.9990, 18.9360, -1.7680

Rectangle

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



128.5050, -12.1480, -11.1240



127.3110, -26.0410, -7.1370



135.0110, 10.6350, 11.0110



134.1230, 21.8230, 6.4870

Sweetspot

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



128.5050, -12.1480, -11.1240



177.0270, -4.6300, -4.1980



131.8070, 1.5610, -11.7750



89.4510, -2.8880, -2.7280



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



128.5050, -12.1480, -11.1240



164.6950, -18.7950, -17.3150



130.1010, -16.6420, -6.7700



66.4510, -2.8880, -2.7280



84.7970, -55.5140, -51.2100



3.1630, -2.0170, -1.9930

Inverse Universe

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



120.4950, 12.1480, 11.1240



152.3050, 18.7950, 17.3150



118.8990, 16.6420, 6.7700



64.5490, 2.8880, 2.7280



48.0890, 55.8350, 50.8990



1.8370, 2.0170, 1.9930

Previews

White Background



This preview shows how the YIQ color 128.5050, -12.1480, -11.1240 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 128.5050, -12.1480, -11.1240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

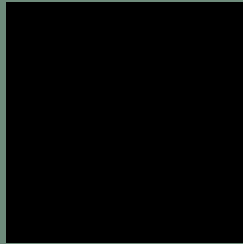
Any Text WCAG AA ✓ Pass

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 128.5050, -12.1480, -11.1240 Background



This preview shows how black text looks on a background with the YIQ color 128.5050, -12.1480, -11.1240.



This preview shows how white text looks on a background with the YIQ color 128.5050, -12.1480, -11.1240.

-11.1240.

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

128.5050, -12.1480, -11.1240

Protanopia

132.0130, 7.1530, -2.9830

Deuteranopia

133.3390, 12.2870, 3.0950



Tritanopia

130.5620, -16.3220, -1.5540

Trichromacy



Original Color

128.5050, -12.1480, -11.1240

Protanomaly

130.8980, 0.0470, -6.3610

Deuteranomaly

131.6860, 3.7600, -2.0640

Tritanomaly

129.9380, -14.6250, -4.7770

Monochromacy



Original Color

128.5050, -12.1480, -11.1240

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.0270, -4.6300, -4.1980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.5050, -12.1480, -11.1240 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(110, 139, 123)` looks like.

```
.text, #text, p{  
    color:rgb(110, 139, 123)  
}
```

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(110, 139, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 139, 123) }
```

Border

The CSS property to change the border of an element to YIQ 128.5050, -12.1480, -11.1240 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(110, 139, 123) }
```


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

```
.border{ border-color:rgb(110, 139, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 139, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 139, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 139, 123); box-shadow:4px 4px 4px 4px rgb(110, 139, 123) }
```

Background

The CSS property to change the background color of an element to YIQ 128.5050, -12.1480, -11.1240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 139, 123) }
```

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

```
.background{ background-color: rgb(110,  
139, 123) }
```

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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