

Converting Colors

YIQ(128.8420, 11.6480,
-12.8640)

Have a look what the booklet for
YIQ(128.8420, 11.6480, -12.8640)
contains.

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Color

**YIQ(128.8420, 11.6480,
-12.8640)**

Conversions

Conversions Part 1

Format	Color
Hex	84865E
RGB	132, 134, 94
RGB Percent	52%, 53%, 37%
CMY	0.4824, 0.4745, 0.6313
CMYK	0.02, 0.00, 0.30, 0.47
HSL	63°, 18%, 45%
HSV	63°, 30%, 53%
XYZ	20.0610, 22.7638, 13.9308
YIQ	128.8420, 11.6480, -12.8640

Conversions

Conversions Part 2

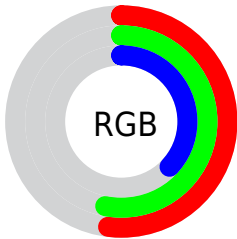
Format	Color
R_{YB}	94, 134, 96
Decimal	8685150
CIE _{Lab}	54.83, -7.60, 21.34
CIE _{LCh}	55, 22.651, 109.596
Yxy	22.7638, 0.3535, 0.4011
Android (android.graphics.Color)	4286875230 (0xFF84865E)
YUV	128.8420, -17.1771, 2.7696
Hunter-Lab	47.7115, -8.4420, 16.0865

Details

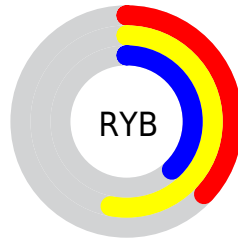
The YIQ color $128.8420, 11.6480, -12.8640$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $99.1580, -11.6480, 12.8640$, and the grayscale version is $129.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $181.9130, 12.8860, -13.2740$, and $79.7710, 10.4100, -12.4540$ is the 20% darker color. If you saturate the color by 10%, you get $127.0610, 15.2250, -17.1190$, and if you desaturate by 10%, it is $130.6230, 8.0710, -8.6090$.

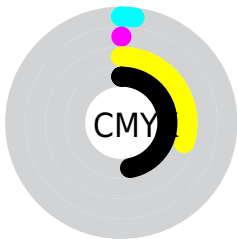
Distribution



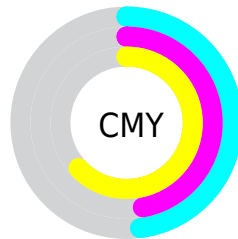
- Red (52%)
- Green (53%)
- Blue (37%)



- Red (37%)
- Yellow (53%)
- Blue (38%)



- Cyan (2%)
- Magenta (0%)
- Yellow (30%)
- Black (47%)



- Cyan (48%)
- Magenta (47%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.8420, 11.6480, -12.8640 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 128.8420, 11.6480, -12.8640 by changing the saturation by 10% instead.

■ 128.8420, 11.6480,
-12.8640

■ 128.8420, 11.6480,
-12.8640

■ 255.0000, -0.0000,
-0.0000

■ 103.6570, 10.7310,
-12.7650

■ 181.9130, 12.8860,
-13.2740

■ 79.7710, 10.4100,
-12.4540

■ 209.3860, 12.9320,
-14.1080

■ 56.1130, 9.4470,
-11.5210

■ 237.6850, 13.5280,
-13.8960

■ 34.5430, 11.0520,
-13.0760

■ 251.8080, 8.9880,
-8.7080

■ 13.8330, -1.3280,
-8.9760

■ 0.0000, 0.0000,
0.0000

■ 128.8420, 11.6480,
-12.8640

■ 128.8420, 11.6480,
-12.8640

■ 127.0610, 15.2250,
-17.1190

■ 130.6230, 8.0710,
-8.6090

■ 125.4650, 19.7190,
-21.4730

■ 132.2190, 3.5770,
-4.2550

■ 123.6840, 23.2960,
-25.7280

■ 134.0000, -0.0000,
-0.0000

■ 121.7890, 27.1940,
-30.2940

■ 135.8950, -3.8980,
4.5660

■ 120.3070, 31.3670,
-34.3370

■ 137.3770, -8.0710,
8.6090

■ 118.5260, 34.9440,
-38.5920

■ 139.1580,
-11.6480, 12.8640

■ 116.6310, 38.8420,
-43.1580

■ 141.0530,
-15.5460, 17.4300

■ 142.5350,

-19.7190, 21.4730

■ 144.4300,
-23.6170, 26.0390

Harmonies

Analogous

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



131.1860, 25.5390, -5.7970



128.8420, 11.6480, -12.8640



126.4530, -6.3700, -16.7220

Triad

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



128.8420, 11.6480, -12.8640



122.8450, -45.1600, -7.5600



134.1590, 22.1420, 17.2300

Complementary

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



128.8420, 11.6480, -12.8640



99.1580, -11.6480, 12.8640

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.



134.3620, 5.4530, 16.8210



128.8420, 11.6480, -12.8640



127.5140, -33.5620, 2.5180

Square

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



128.8420, 11.6480, -12.8640



121.5970, -41.7660, -14.0060



132.2500, -14.9030, 11.2810



133.3740, 31.5420, 12.0700

Rectangle

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



128.8420, 11.6480, -12.8640



124.5100, -19.7120, -17.2160



132.2500, -14.9030, 11.2810



134.5220, 16.6860, 16.9900

Sweetspot

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



128.8420, 11.6480, -12.8640



171.2900, 4.8150, -4.6650



107.1340, 23.2900, 7.4340



85.5610, 2.6140, -3.3220



214.0000, -0.0000, 0.0000



87.0000, -0.0000, -0.0000

Same Dimension

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



128.8420, 11.6480, -12.8640



165.0350, 18.1140, -19.9180



122.8620, -0.2720, -17.1040



65.3160, 1.9260, -1.8660



113.3860, 38.1540, -41.7020



2.3590, 0.3670, -1.1450

Inverse Universe

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



99.1580, -11.6480, 12.8640



118.9650, -18.1140, 19.9180



105.1380, 0.2720, 17.1040



60.6840, -1.9260, 1.8660



16.9130, -37.5580, 41.9140



0.3420, -0.9630, 0.9330

Previews

White Background



This preview shows how the YIQ color 128.8420, 11.6480, -12.8640 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 128.8420, 11.6480, -12.8640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

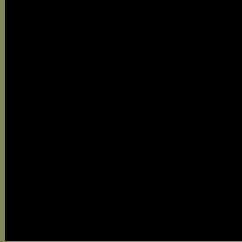
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 128.8420, 11.6480, -12.8640

Background



This preview shows how black text looks on a background with the YIQ color 128.8420, 11.6480, -12.8640.



This preview shows how white text looks on a background with the YIQ color 128.8420, 11.6480,

-12.8640.

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

128.8420, 11.6480, -12.8640

Protanopia

129.6580, 18.1580, -9.6980

Deuteranopia

131.2510, 26.9140, -3.1820



Tritanopia

132.1300, 2.7500, 5.2300

Trichromacy



Original Color

128.8420, 11.6480, -12.8640

Protanomaly

129.3480, 16.0950, -10.8570

Deuteranomaly

130.5060, 21.6420, -6.7580

Tritanomaly

130.8820, 6.1440, -1.2160

Monochromacy



Original Color

128.8420, 11.6480, -12.8640

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.9910, 4.2190, -4.8770

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.8420, 11.6480, -12.8640 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(132, 134, 94)` looks like.

```
.text, #text, p{  
    color:rgb(132, 134, 94)  
}
```

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(132, 134, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 134, 94) }
```

Border

The CSS property to change the border of an element to YIQ 128.8420, 11.6480, -12.8640 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(132, 134, 94) }
```


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

```
.border{ border-color:rgb(132, 134, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 134, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 134, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 134, 94);  
box-shadow:4px 4px 4px 4px rgb(132, 134,  
94) }
```

Background

The CSS property to change the background color of an element to YIQ 128.8420, 11.6480, -12.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 134, 94) }
```

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

```
.background{ background-color: rgb(132,  
134, 94) }
```

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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