

Converting Colors

YIQ(120.8810, -10.4510,
-14.3470)

Have a look what the booklet for
YIQ(120.8810, -10.4510, -14.3470)
contains.

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Color

**YIQ(120.8810, -10.4510,
-14.3470)**

Conversions

Conversions Part 1

Format	Color
Hex	66856C
RGB	102, 133, 108
RGB Percent	40%, 52%, 42%
CMY	0.6001, 0.4784, 0.5765
CMYK	0.23, 0.00, 0.19, 0.48
HSL	132°, 13%, 46%
HSV	132°, 23%, 52%
XYZ	16.5727, 20.6846, 17.3048
YIQ	120.8810, -10.4510, -14.3470

Conversions

Conversions Part 2

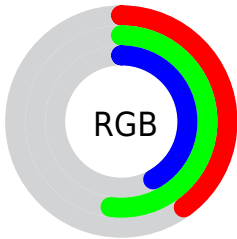
Format	Color
R_{YB}	102, 128, 133
Decimal	6718828
CIE _{Lab}	52.60, -16.37, 9.95
CIE _{LCh}	53, 19.153, 148.715
Yxy	20.6846, 0.3037, 0.3791
Android (android.graphics.Color)	4284908908 (0xFF66856C)
YUV	120.8810, -6.3503, -16.5586
Hunter-Lab	45.4804, -14.5467, 9.2770

Details

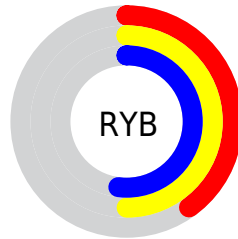
The YIQ color **120.8810, -10.4510, -14.3470** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **114.1190, 10.4510, 14.3470**, and the grayscale version is **121.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **173.3540, -10.4050, -15.1810**, and **71.8210, -10.2220, -12.9900** is the 20% darker color. If you saturate the color by 10%, you get **115.7400, -14.6680, -20.5240**, and if you desaturate by 10%, it is **126.0220, -6.2340, -8.1700**.

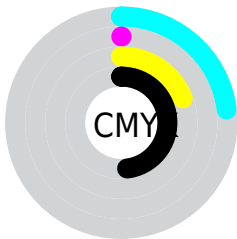
Distribution



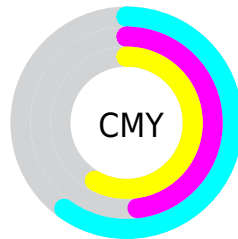
- Red (40%)
- Green (52%)
- Blue (42%)



- Red (40%)
- Yellow (50%)
- Blue (52%)



- Cyan (23%)
- Magenta (0%)
- Yellow (19%)
- Black (48%)



- Cyan (60%)
- Magenta (48%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 120.8810, -10.4510, -14.3470 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 120.8810, -10.4510, -14.3470 by changing the saturation by 10% instead.

■ 120.8810,
-10.4510, -14.3470

■ 120.8810,
-10.4510, -14.3470

■ 255.0000, -0.0000,
-0.0000

■ 96.2940, -10.1760,
-13.8240

■ 173.3540,
-10.4050, -15.1810

■ 71.8210, -10.2220,
-12.9900

■ 200.6420,
-11.2760, -15.9160

■ 49.2340, -9.9470,
-12.4670

■ 228.6420,
-11.2760, -15.9160

■ 27.3480, -10.2680,
-12.1560

■ 248.2500, -6.8760,
-7.5480

■ 9.9790, -4.6750,
-8.8910

■ 0.0000, 0.0000,
0.0000

■ 120.8810,
-10.4510, -14.3470

■ 120.8810,
-10.4510, -14.3470

■ 115.7400,
-14.6680, -20.5240

■ 126.0220, -6.2340,
-8.1700

■ 110.4140,
-19.8020, -26.6020

■ 131.3480, -1.1000,
-2.0920

■ 105.2730,
-24.0190, -32.7790

■ 136.4890, 3.1170,
4.0850

■ 100.1320,
-28.2360, -38.9560

■ 141.6300, 7.3340,
10.2620

■ 94.6920, -33.0490,
-45.3450

■ 146.7710, 11.5510,
16.4390

■ 89.6650, -37.5870,
-51.2110

■ 152.0970, 16.6850,
22.5170

■ 84.5240, -41.8040,
-57.3880

■ 157.2380, 20.9020,
28.6940

■ 81.0350, -44.9210,

■ 162.3790, 25.1190,

-61.4730

34.8710

■ 167.8190, 29.9320,
41.2600

Harmonies

Analogous

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



122.8460, 5.8250, -11.9590



120.8810, -10.4510, -14.3470



119.0950, -25.6730, -13.8090

Triad

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



120.8810, -10.4510, -14.3470



123.9560, -23.0630, 4.9770



127.5860, 27.8290, 7.7730

Complementary

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



120.8810, -10.4510, -14.3470



114.1190, 10.4510, 14.3470

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.



128.3390, 21.4550, 13.1590



120.8810, -10.4510, -14.3470



127.1430, -7.2920, 11.0120

Square

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



120.8810, -10.4510, -14.3470



120.3410, -34.7530, -3.4330



128.0480, 9.2130, 14.7570



126.4730, 26.4090, 0.4650

Rectangle

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



120.8810, -10.4510, -14.3470



118.2560, -33.3760, -11.8720



128.0480, 9.2130, 14.7570



127.6830, 26.1780, 10.1620

Sweetspot

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



120.8810, -10.4510, -14.3470



168.3860, -4.2630, -5.3430



127.6720, 6.3750, -10.9130



84.2230, -2.2460, -3.3500



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.



120.8810, -10.4510, -14.3470



154.2020, -16.0890, -22.3050



122.5910, -15.2660, -9.6820



63.6360, -1.9710, -2.8270



79.1600, -43.7750, -60.2150



1.7610, -0.8250, -1.5690

Inverse Universe

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



114.1190, 10.4510, 14.3470



143.7980, 16.0890, 22.3050



112.4090, 15.2660, 9.6820



62.3640, 1.9710, 2.8270



50.8400, 43.7750, 60.2150



1.1250, 1.1460, 1.2580

Previews

White Background



This preview shows how the YIQ color 120.8810, -10.4510, -14.3470 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 120.8810, -10.4510, -14.3470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

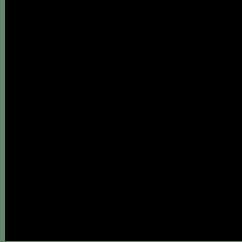
Any Text WCAG AA ✓ Pass

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 120.8810, -10.4510, -14.3470 Background



This preview shows how black text looks on a background with the YIQ color 120.8810, -10.4510, -14.3470.



This preview shows how white text looks on a background with the YIQ color 120.8810, -10.4510, -14.3470.

-14.3470.

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

120.8810, -10.4510, -14.3470

Protanopia

124.6990, 10.9130, -5.0470

Deuteranopia

126.4380, 16.3220, 1.5540



Tritanopia

123.8610, -15.7260, -1.3420

Trichromacy



Original Color

120.8810, -10.4510, -14.3470

Protanomaly

123.2850, 3.2110, -8.6370

Deuteranomaly

124.1870, 6.6030, -4.0290

Tritanomaly

122.5960, -13.6620, -5.7100

Monochromacy



Original Color

120.8810, -10.4510, -14.3470

Achromatopsia

121.0000, -0.0000, 0.0000

Achromatomaly

120.6850, -3.6670, -5.1310

CSS Examples

Text

The CSS property to change the color of the text to YIQ 120.8810, -10.4510, -14.3470 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(102, 133, 108)` looks like.

```
.text, #text, p{  
    color:rgb(102, 133, 108)  
}
```

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(102, 133, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 133, 108) }
```

Border

The CSS property to change the border of an element to YIQ 120.8810, -10.4510, -14.3470 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(102, 133, 108) }
```


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

```
.border{ border-color:rgb(102, 133, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 133, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(102, 133, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(102, 133, 108); box-shadow:4px 4px 4px 4px rgb(102, 133, 108) }
```

Background

The CSS property to change the background color of an element to YIQ 120.8810, -10.4510, -14.3470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 133, 108) }
```

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

```
.background{ background-color: rgb(102,  
133, 108) }
```

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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