

Converting Colors

YIQ(126.8850, -8.2470,
-32.2710)

Have a look what the booklet for
YIQ(126.8850, -8.2470, -32.2710)
contains.

YIQ(126.8850, -8.2470, -32.2710)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(126.8850, -8.2470,
-32.2710)**

Conversions

Conversions Part 1

Format	Color
Hex	639651
RGB	99, 150, 81
RGB Percent	39%, 59%, 32%
CMY	0.6119, 0.4117, 0.6823
CMYK	0.34, 0.00, 0.46, 0.41
HSL	104°, 30%, 45%
HSV	104°, 46%, 59%
XYZ	17.5362, 25.0639, 11.6992
YIQ	126.8850, -8.2470, -32.2710

Conversions

Conversions Part 2

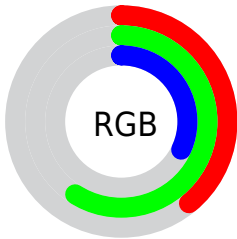
Format	Color
R_{YB}	81, 150, 132
Decimal	6526545
CIE _{Lab}	57.14, -30.60, 31.02
CIE _{LCh}	57, 43.575, 134.616
Yxy	25.0639, 0.3230, 0.4616
Android (android.graphics.Color)	4284716625 (0xFF639651)
YUV	126.8850, -22.6213, -24.4551
Hunter-Lab	50.0639, -25.0876, 21.1895

Details

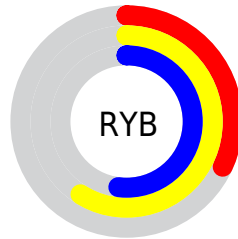
The YIQ color $126.8850, -8.2470, -32.2710$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $104.1150, 8.2470, 32.2710$, and the grayscale version is $127.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $180.8310, -8.1550, -33.9390$, and $76.3410, -9.5310, -31.0270$ is the 20% darker color. If you saturate the color by 10%, you get $121.8860, -9.9880, -39.2680$, and if you desaturate by 10%, it is $131.8840, -6.5060, -25.2740$.

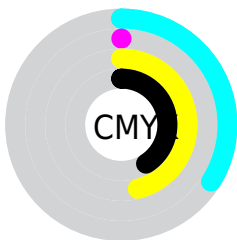
Distribution



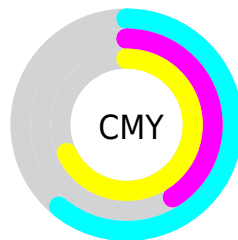
- Red (39%)
- Green (59%)
- Blue (32%)



- Red (32%)
- Yellow (59%)
- Blue (52%)



- Cyan (34%)
- Magenta (0%)
- Yellow (46%)
- Black (41%)



- Cyan (61%)
- Magenta (41%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 126.8850, -8.2470, -32.2710 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 126.8850, -8.2470, -32.2710 by changing the saturation by 10% instead.


 126.8850, -8.2470,
-32.2710

 126.8850, -8.2470,
-32.2710


255.0000, -0.0000,
-0.0000


 101.1130, -8.8890,
-31.6490


 180.8310, -8.1550,
-33.9390


 76.3410, -9.5310,
-31.0270


 208.3040, -8.1090,
-34.7730


 51.0420, -10.1270,
-31.2390

 232.6680, -6.1380,
-31.9460

 29.9370, -14.0250,
-26.6730

 244.5310, 2.1580,
-17.0900

 18.7840, -8.8000,
-16.7360

 253.5180, 4.1730,
-4.0430

 0.0000, 0.0000,
0.0000

■ 126.8850, -8.2470,
-32.2710

■ 126.8850, -8.2470,
-32.2710

■ 121.8860, -9.9880,
-39.2680

■ 131.8840, -6.5060,
-25.2740

■ 116.8870,
-11.7290, -46.2650

■ 136.8830, -4.7650,
-18.2770

■ 111.8880,
-13.4700, -53.2620

■ 141.8820, -3.0240,
-11.2800

■ 106.8890,
-15.2110, -60.2590

■ 146.8810, -1.2830,
-4.2830

■ 101.5910,
-17.5480, -67.4680

■ 151.8800, 0.4580,
2.7140

■ 99.7110, -18.0060,
-70.1820

■ 157.1780, 2.7950,
9.9230

■ 162.1770, 4.5360,
16.9200

■ 167.1760, 6.2770,

23.9170

■ 172.1750, 8.0180,
30.9140

Harmonies

Analogous

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



132.0650, 26.5970, -24.9790



126.8850, -8.2470, -32.2710



114.0760, -60.1930, -37.9930

Triad

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



126.8850, -8.2470, -32.2710



110.2290, -107.8350, -11.5710



137.8060, 57.1690, 26.7130

Complementary

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



126.8850, -8.2470, -32.2710



104.1150, 8.2470, 32.2710

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.



140.3110, 36.9940, 34.4180



126.8850, -8.2470, -32.2710



135.2920, -41.0840, 17.7000

Square

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



126.8850, -8.2470, -32.2710



112.0580, -103.3400, -21.4520



141.3640, 3.1120, 31.7200



136.4080, 60.5650, 9.2130

Rectangle

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



126.8850, -8.2470, -32.2710



107.7600, -88.4820, -37.4260



141.3640, 3.1120, 31.7200



138.6900, 51.8040, 30.3320

Sweetspot

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



126.8850, -8.2470, -32.2710



184.9420, -3.2530, -12.6370



131.5680, 27.0990, -12.0450



91.4740, -1.6950, -7.8310



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



126.8850, -8.2470, -32.2710



158.1810, -12.7370, -50.0250



123.3270, -24.1110, -31.1110



71.4080, -1.3290, -3.4490



91.7700, -16.4940, -64.5420



6.7670, -0.9620, -4.5940

Inverse Universe

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



104.1150, 8.2470, 32.2710



122.8190, 12.7370, 50.0250



107.6730, 24.1110, 31.1110



69.2930, 0.7330, 3.2370



46.2300, 16.4940, 64.5420



3.5320, 1.5580, 4.8060

Previews

White Background



This preview shows how the YIQ color 126.8850, -8.2470, -32.2710 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 126.8850, -8.2470, -32.2710 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 126.8850, -8.2470, -32.2710

Background



This preview shows how black text looks on a background with the YIQ color 126.8850, -8.2470, -32.2710.



This preview shows how white text looks on a background with the YIQ color 126.8850, -8.2470,

-32.2710.

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

126.8850, -8.2470, -32.2710

Protanopia

133.9330, 27.3290, -16.2150

Deuteranopia

135.4490, 34.9840, -6.2640



Tritanopia

133.9850, -22.0070, -3.1510

Trichromacy



Original Color

126.8850, -8.2470, -32.2710

Protanomaly

131.4150, 13.9880, -22.2360

Deuteranomaly

132.1540, 19.3970, -15.6350

Tritanomaly

131.5860, -16.8700, -13.6540

Monochromacy



Original Color

126.8850, -8.2470, -32.2710

Achromatopsia

127.0000, -0.0000, -0.0000

Achromatomaly

126.7680, -2.7030, -11.5910

CSS Examples

Text

The CSS property to change the color of the text to YIQ 126.8850, -8.2470, -32.2710 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(99, 150, 81)` looks like.

```
.text, #text, p{  
    color:rgb(99, 150, 81)  
}
```

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(99, 150, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 150, 81) }
```

Border

The CSS property to change the border of an element to YIQ 126.8850, -8.2470, -32.2710 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(99, 150, 81) }
```


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

```
.border{ border-color:rgb(99, 150, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 150, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 150, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 150, 81);  
box-shadow:4px 4px 4px 4px rgb(99, 150,  
81) }
```

Background

The CSS property to change the background color of an element to YIQ 126.8850, -8.2470, -32.2710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 150, 81) }
```

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

```
.background{ background-color: rgb(99, 150,  
81) }
```

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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