

Converting Colors

YIQ(128.6840, 32.4640,
-15.6640)

Have a look what the booklet for
YIQ(128.6840, 32.4640, -15.6640)
contains.

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Color

**YIQ(128.6840, 32.4640,
-15.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	968242
RGB	150, 130, 66
RGB Percent	59%, 51%, 26%
CMY	0.4118, 0.4902, 0.7410
CMYK	0.00, 0.13, 0.56, 0.41
HSL	46°, 39%, 42%
HSV	46°, 56%, 59%
XYZ	21.5442, 22.8411, 8.4346
YIQ	128.6840, 32.4640, -15.6640

Conversions

Conversions Part 2

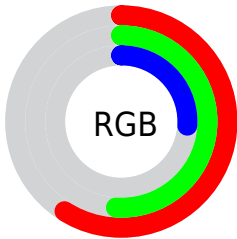
Format	Color
R_{YB}	92, 150, 66
Decimal	9863746
CIE _{Lab}	54.91, -0.78, 37.00
CIE _{LCh}	55, 37.007, 91.206
Yxy	22.8411, 0.4079, 0.4324
Android (android.graphics.Color)	4288053826 (0xFF968242)
YUV	128.6840, -30.9032, 18.6941
Hunter-Lab	47.7923, -3.1708, 22.9909

Details

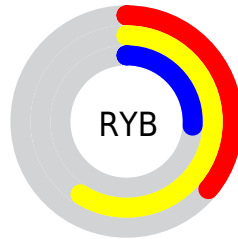
The YIQ color **128.6840, 32.4640, -15.6640** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **87.3160, -32.4640, 15.6640**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.2390, 35.2150, -15.9610**, and **78.6020, 29.7590, -16.2010** is the 20% darker color. If you saturate the color by 10%, you get **124.6260, 38.3790, -18.2370**, and if you desaturate by 10%, it is **132.7420, 26.5490, -13.0910**.

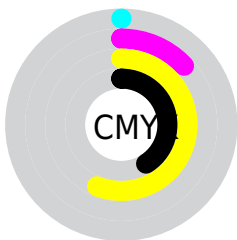
Distribution



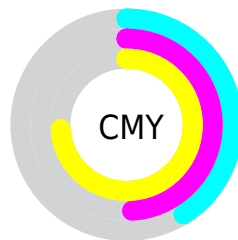
- Red (59%)
- Green (51%)
- Blue (26%)



- Red (36%)
- Yellow (59%)
- Blue (26%)



- Cyan (0%)
- Magenta (13%)
- Yellow (56%)
- Black (41%)



- Cyan (41%)
- Magenta (49%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 128.6840, 32.4640, -15.6640 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 128.6840, 32.4640, -15.6640 by changing the saturation by 10% instead.

■ 128.6840, 32.4640,
-15.6640

■ 128.6840, 32.4640,
-15.6640

■ 255.0000, -0.0000,
-0.0000

■ 103.2000, 30.9510,
-15.7770

■ 182.2390, 35.2150,
-15.9610

■ 78.6020, 29.7590,
-16.2010

■ 209.7230, 36.7280,
-15.8480

■ 55.2750, 26.3660,
-15.2820

■ 235.8040, 32.0060,
-18.3780

■ 35.7720, 17.8370,
-9.3870

■ 248.2740, 18.9390,
-18.3490

■ 15.9700, 8.7120,
-3.7040

■ 251.5800, 9.6300,
-9.3300

■ 0.0000, 0.0000,
0.0000

254.7720, 0.6420,

-0.6220

■ 128.6840, 32.4640,
-15.6640

■ 128.6840, 32.4640,
-15.6640

■ 124.6260, 38.3790,
-18.2370

■ 132.7420, 26.5490,
-13.0910

■ 121.1550, 44.0190,
-21.3330

■ 136.2130, 20.9090,
-9.9950

■ 117.0970, 49.9340,
-23.9060

■ 140.2710, 14.9940,
-7.4220

■ 113.6260, 55.5740,
-27.0020

■ 143.7420, 9.3540,
-4.3260

■ 111.7680, 58.0500,
-27.8220

■ 147.8000, 3.4390,
-1.7530

■ 151.2710, -2.2010,
1.3430

■ 155.3290, -8.1160,
3.9160

■ 159.3870,
-14.0310, 6.4890

■ 162.8580,
-19.6710, 9.5850

Harmonies

Analogous

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



131.1410, 47.7750, -1.2890



128.6840, 32.4640, -15.6640



125.1260, 7.4320, -24.5680

Triad

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



128.6840, 32.4640, -15.6640



104.9850, -93.0690, -25.8770



135.1670, 19.6640, 29.1040

Complementary

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



128.6840, 32.4640, -15.6640



87.3160, -32.4640, 15.6640

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.



134.0690, -12.4750, 22.3490



128.6840, 32.4640, -15.6640



105.2590, -99.3520, -16.6320

Square

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



128.6840, 32.4640, -15.6640



102.2230, -82.4760, -36.1400



125.4060, -50.5730, 7.9470



133.6780, 42.9100, 26.3180

Rectangle

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



128.6840, 32.4640, -15.6640



121.9970, -14.2540, -28.0300



125.4060, -50.5730, 7.9470



135.5510, 9.7150, 27.6910

Sweetspot

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



128.6840, 32.4640, -15.6640



185.5420, 12.7930, -6.0790



93.5100, 43.3230, 24.3390



91.8990, 7.4740, -3.2940



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.



128.6840, 32.4640, -15.6640



160.9830, 50.2550, -24.2170



134.1450, 14.4480, -30.5760



72.0280, 2.7970, -1.1310



102.8970, 53.3730, -25.6590



7.6860, 3.7600, -2.0640

Inverse Universe

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



87.3160, -32.4640, 15.6640



97.0170, -50.2550, 24.2170



81.8550, -14.4480, 30.5760



68.3850, -2.5220, 1.6540



35.1030, -53.3730, 25.6590



2.3140, -3.7600, 2.0640

Previews

White Background



This preview shows how the YIQ color 128.6840, 32.4640, -15.6640 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 128.6840, 32.4640, -15.6640 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 128.6840, 32.4640, -15.6640

Background



This preview shows how black text looks on a background with the YIQ color 128.6840, 32.4640, -15.6640.



This preview shows how white text looks on a background with the YIQ color 128.6840, 32.4640, -15.6640.

-15.6640.

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

128.6840, 32.4640, -15.6640

Protanopia

128.4770, 28.6130, -17.4590

Deuteranopia

129.4510, 40.6700, -10.1940



Tritanopia

133.8930, 16.7790, 9.7950

Trichromacy



Original Color

128.6840, 32.4640, -15.6640

Protanomaly

128.4880, 30.0800, -16.5120

Deuteranomaly

129.4290, 37.7360, -12.0880

Tritanomaly

132.3200, 22.4660, 0.3380

Monochromacy



Original Color

128.6840, 32.4640, -15.6640

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

128.7700, 12.1510, -5.4570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 128.6840, 32.4640, -15.6640 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(150, 130, 66)` looks like.

```
.text, #text, p{  
    color:rgb(150, 130, 66)  
}
```

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(150, 130, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 130, 66) }
```

Border

The CSS property to change the border of an element to YIQ 128.6840, 32.4640, -15.6640 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(150, 130, 66) }
```


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

```
.border{ border-color:rgb(150, 130, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 130, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 130, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 130, 66);  
box-shadow:4px 4px 4px 4px rgb(150, 130,  
66) }
```

Background

The CSS property to change the background color of an element to YIQ 128.6840, 32.4640, -15.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 130, 66) }
```

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

```
.background{ background-color: rgb(150,  
130, 66) }
```

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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