

Converting Colors

YIQ(164.3210, 2.3890, -26.7870)

Have a look what the booklet for
YIQ(164.3210, 2.3890, -26.7870)
contains.

YIQ(164.3210, 2.3890, -26.7870)	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(164.3210, 2.3890,
-26.7870)**

Conversions

Conversions Part 1

Format	Color
Hex	96B574
RGB	150, 181, 116
RGB Percent	59%, 71%, 45%
CMY	0.4119, 0.2901, 0.5450
CMYK	0.17, 0.00, 0.36, 0.29
HSL	89°, 31%, 58%
HSV	89°, 36%, 71%
XYZ	32.2521, 40.7956, 22.7021
YIQ	164.3210, 2.3890, -26.7870

Conversions

Conversions Part 2

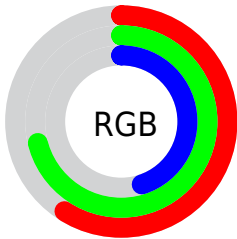
Format	Color
R_{YB}	116, 181, 147
Decimal	9876852
CIE _{Lab}	70.03, -22.08, 29.74
CIE _{LCh}	70, 37.040, 126.598
Yxy	40.7956, 0.3368, 0.4261
Android (android.graphics.Color)	4288066932 (0xFF96B574)
YUV	164.3210, -23.8223, -12.5595
Hunter-Lab	63.8714, -21.6408, 23.6363

Details

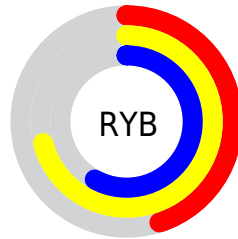
The YIQ color **164.3210, 2.3890, -26.7870** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **132.6790, -2.3890, 26.7870**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **219.6800, 2.7560, -27.9320**, and **112.0760, 1.7010, -25.3310** is the 20% darker color. If you saturate the color by 10%, you get **159.5780, 2.8030, -34.2930**, and if you desaturate by 10%, it is **169.0640, 1.9750, -19.2810**.

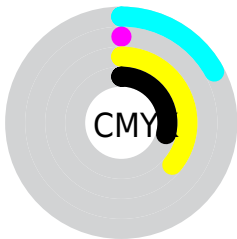
Distribution



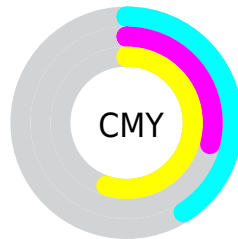
- Red (59%)
- Green (71%)
- Blue (45%)



- Red (45%)
- Yellow (71%)
- Blue (58%)



- Cyan (17%)
- Magenta (0%)
- Yellow (36%)
- Black (29%)





- Cyan (41%)
- Magenta (29%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 164.3210, 2.3890, -26.7870 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 164.3210, 2.3890, -26.7870 by changing the saturation by 10% instead.

 164.3210, 2.3890,
-26.7870

 164.3210, 2.3890,
-26.7870


255.0000, -0.0000,
-0.0000

 137.8480, 2.3430,
-25.9530

 219.6800, 2.7560,
-27.9320

 112.0760, 1.7010,
-25.3310

 241.6960, 5.8270,
-23.0130


 87.1900, 1.3800,
-25.0200

 251.4660, 9.9510,
-9.6410

 63.3040, 1.0590,
-24.7090

254.7720, 0.6420,
-0.6220

 40.6460, 0.0960,
-23.7760

 19.9580, -9.3500,
-17.7820

 0.0000, 0.0000,

0.0000

■ 164.3210, 2.3890,
-26.7870

■ 164.3210, 2.3890,
-26.7870

■ 159.5780, 2.8030,
-34.2930

■ 169.0640, 1.9750,
-19.2810

■ 155.1340, 3.8130,
-41.5870

■ 173.5080, 0.9650,
-11.9870

■ 150.3910, 4.2270,
-49.0930

■ 178.2510, 0.5510,
-4.4810

■ 145.6480, 4.6410,
-56.5990

■ 182.9940, 0.1370,
3.0250

■ 141.2040, 5.6510,
-63.8930

■ 187.5520, -1.1940,
10.6300

■ 136.3470, 6.3860,
-71.7100

■ 192.2950, -1.6080,
18.1360

■ 134.6520, 6.8450,
-74.5230

■ 196.7390, -2.6180,
25.4300

■ 200.7980, -1.1060,
31.0700

■ 203.4890, 4.2580,
32.9780

Harmonies

Analogous

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



168.4340, 30.1720, -18.1800



164.3210, 2.3890, -26.7870



158.6620, -32.3640, -30.2200

Triad

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



164.3210, 2.3890, -26.7870



156.3050, -78.6300, -6.7100



174.4890, 47.8160, 25.5120

Complementary

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



164.3210, 2.3890, -26.7870



132.6790, -2.3890, 26.7870

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.



175.9290, 26.2660, 30.6020



164.3210, 2.3890, -26.7870



168.4610, -43.2380, 12.6820

Square

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



164.3210, 2.3890, -26.7870



144.1630, -99.4420, -26.0180



174.8850, -5.9650, 25.5150



173.1780, 55.5210, 12.5210

Rectangle

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



164.3210, 2.3890, -26.7870



153.4880, -58.1770, -30.4730



174.8850, -5.9650, 25.5150



174.8460, 42.4970, 28.2970

Sweetspot

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



164.3210, 2.3890, -26.7870



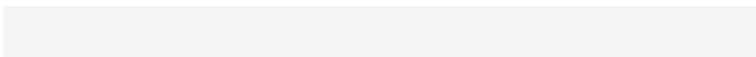
228.1490, 0.5980, -10.8420



153.0450, 30.4900, -1.9100



113.1970, 0.6430, -6.1490



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



164.3210, 2.3890, -26.7870



208.8350, 3.2170, -41.7990



154.7530, -16.6830, -33.5710



86.7780, 0.5050, -3.6470



113.7310, 5.6050, -63.0590



19.1490, 0.5980, -10.8420

Inverse Universe

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



132.6790, -2.3890, 26.7870



159.8660, -3.8130, 41.5870



142.2470, 16.6830, 33.5710



82.5210, 0.0910, 3.8590



39.2690, -5.6050, 63.0590



6.5520, -1.1940, 10.6300

Previews

White Background



This preview shows how the YIQ color 164.3210, 2.3890, -26.7870 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 164.3210, 2.3890, -26.7870 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 ✓ Pass

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

YIQ 164.3210, 2.3890, -26.7870

Background



This preview shows how black text looks on a background with the YIQ color 164.3210, 2.3890, -26.7870.



This preview shows how white text looks on a background with the YIQ color 164.3210, 2.3890, -26.7870.

-26.7870.

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

164.3210, 2.3890, -26.7870

Protanopia

168.4600, 27.2830, -15.3810

Deuteranopia

170.0580, 37.6430, -4.8930



Tritanopia

170.0080, -11.6460, 1.8100

Trichromacy



Original Color

164.3210, 2.3890, -26.7870

Protanomaly

167.0350, 18.1140, -19.9180

Deuteranomaly

168.3720, 24.7150, -12.8930

Tritanomaly

167.7230, -6.8300, -8.3820

Monochromacy



Original Color

164.3210, 2.3890, -26.7870

Achromatopsia

164.0000, 0.0000, -0.0000

Achromatomaly

164.0890, 0.8270, -9.4850

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.3210, 2.3890, -26.7870 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, 181, 116)` looks like.

```
.text, #text, p{  
    color:rgb(150, 181, 116)  
}
```

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, 181, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 181, 116) }
```

Border

The CSS property to change the border of an element to YIQ 164.3210, 2.3890, -26.7870 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, 181, 116) }
```


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

```
.border{ border-color:rgb(150, 181, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 181, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 181, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 181, 116);  
box-shadow:4px 4px 4px 4px rgb(150, 181,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 164.3210, 2.3890, -26.7870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 181, 116) }
```

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

```
.background{ background-color: rgb(150,  
181, 116) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor