

Converting Colors

YIQ(136.9950, 24.7590, -2.6730)

Have a look what the booklet for
YIQ(136.9950, 24.7590, -2.6730)
contains.

YIQ(136.9950, 24.7590, -2.6730)	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(136.9950, 24.7590,
-2.6730)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8469
RGB	159, 132, 105
RGB Percent	62%, 52%, 41%
CMY	0.3764, 0.4824, 0.5881
CMYK	0.00, 0.17, 0.34, 0.38
HSL	30°, 22%, 52%
HSV	30°, 34%, 62%
XYZ	25.1016, 24.8921, 16.8545
YIQ	136.9950, 24.7590, -2.6730

Conversions

Conversions Part 2

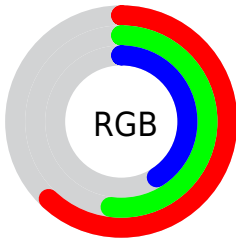
Format	Color
R_{YB}	159, 159, 105
Decimal	10454121
CIE _{Lab}	56.97, 6.27, 18.42
CIE _{LCh}	57, 19.461, 71.218
Yxy	24.8921, 0.3755, 0.3724
Android (android.graphics.Color)	4288644201 (0xFF9F8469)
YUV	136.9950, -15.7735, 19.2984
Hunter-Lab	49.8920, 2.4954, 14.8951

Details

The YIQ color **136.9950, 24.7590, -2.6730** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **127.0050, -24.7590, 2.6730**, and the grayscale version is **137.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **190.6640, 27.1890, -2.6590**, and **87.0270, 21.7330, -2.8990** is the 20% darker color. If you saturate the color by 10%, you get **130.4750, 32.0950, -3.4650**, and if you desaturate by 10%, it is **143.5150, 17.4230, -1.8810**.

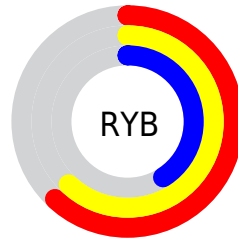
Distribution



Red (62%)

Green (52%)

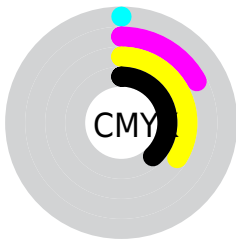
Blue (41%)



Red (62%)

Yellow (62%)

Blue (41%)

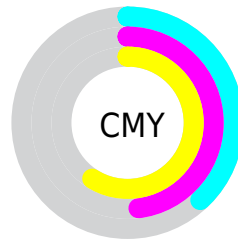


Cyan (0%)

Magenta (17%)

Yellow (34%)

Black (38%)



Cyan (38%)


Magenta (48%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 136.9950, 24.7590, -2.6730 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 136.9950, 24.7590, -2.6730 by changing the saturation by 10% instead.


 136.9950, 24.7590,
-2.6730


 136.9950, 24.7590,
-2.6730


255.0000, -0.0000,
-0.0000


 111.5110, 23.2460,
-2.7860


 190.6640, 27.1890,
-2.6590


 87.0270, 21.7330,
-2.8990


 218.5500, 27.5100,
-2.9700


 63.5430, 20.2200,
-3.0120

 241.7660, 17.9740,
-6.3620

 41.0590, 18.7070,
-3.1250

 253.1760, 5.1360,
-4.9760

 21.0310, 15.9100,
-1.9940

 0.0000, 0.0000,
0.0000

■ 136.9950, 24.7590,
-2.6730

■ 136.9950, 24.7590,
-2.6730

■ 130.4750, 32.0950,
-3.4650

■ 143.5150, 17.4230,
-1.8810

■ 123.9550, 39.4310,
-4.2570

■ 150.0350, 10.0870,
-1.0890

■ 117.4350, 46.7670,
-5.0490

■ 156.5550, 2.7510,
-0.2970

■ 110.9150, 54.1030,
-5.8410

■ 163.0750, -4.5850,
0.4950

■ 104.5090, 61.1180,
-6.3220

■ 169.5950,
-11.9210, 1.2870

■ 97.9890, 68.4540,
-7.1140

■ 176.0010,
-18.9360, 1.7680

■ 93.9140, 73.0390,
-7.6090

■ 182.5210,
-26.2720, 2.5600

■ 189.0410,

-33.6080, 3.3520

■ 195.5610,
-40.9440, 4.1440

Harmonies

Analogous

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



138.1900, 28.8840, 5.1720



136.9950, 24.7590, -2.6730



135.5050, 14.2150, -9.8250

Triad

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



136.9950, 24.7590, -2.6730



129.2130, -31.8170, -12.5930



138.7310, -0.1400, 13.5560

Complementary

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



136.9950, 24.7590, -2.6730



127.0050, -24.7590, 2.6730

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.



136.5870, -17.4700, 8.2420



136.9950, 24.7590, -2.6730



130.0370, -36.9530, -7.6170

Square

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



136.9950, 24.7590, -2.6730



131.3470, -17.6950, -15.2230



132.7160, -31.3150, 0.3410



139.8700, 15.5860, 14.8980

Rectangle

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



136.9950, 24.7590, -2.6730



133.8350, 4.3580, -12.9060



132.7160, -31.3150, 0.3410



138.2680, -6.1460, 12.2700

Sweetspot

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



136.9950, 24.7590, -2.6730



198.1490, 9.7660, -0.7780



124.3380, 23.1960, 20.1560



99.4090, 6.0980, -0.3820



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



136.9950, 24.7590, -2.6730



172.0690, 39.1100, -3.9460



152.2570, 17.6090, -16.2710



75.7400, 3.6680, -0.3960



84.4340, 65.7030, -6.8170



9.1810, 6.7400, -1.0040

Inverse Universe

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



127.0050, -24.7590, 2.6730



156.3440, -38.8350, 4.4690



111.7430, -17.6090, 16.2710



74.2600, -3.6680, 0.3960



57.9790, -65.4280, 7.3400



6.4060, -7.0150, 0.4810

Previews

White Background



This preview shows how the YIQ color 136.9950, 24.7590, -2.6730 looks on a white background.

Color Contrast Check

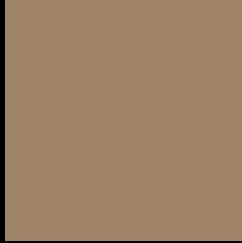
Large Text (above 18pt) WCAG AA ✓ Pass

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 136.9950, 24.7590, -2.6730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

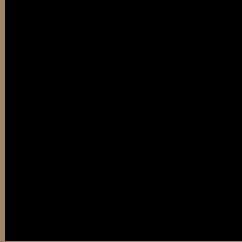
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 136.9950, 24.7590, -2.6730

Background



This preview shows how black text looks on a background with the YIQ color 136.9950, 24.7590, -2.6730.



This preview shows how white text looks on a background with the YIQ color 136.9950, 24.7590,

-2.6730.

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

136.9950, 24.7590, -2.6730

Protanopia

136.2710, 14.9940, -7.4220

Deuteranopia

137.0060, 26.2260, -1.7260



Tritanopia

139.1920, 17.3750, 10.0070

Trichromacy



Original Color

136.9950, 24.7590, -2.6730

Protanomaly

136.4780, 18.8450, -5.6270

Deuteranomaly

136.7070, 25.6300, -1.9380

Tritanomaly

138.1120, 20.3560, 5.5400

Monochromacy



Original Color

136.9950, 24.7590, -2.6730

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

136.8500, 9.1700, -0.9900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 136.9950, 24.7590, -2.6730 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(159, 132, 105)` looks like.

```
.text, #text, p{  
    color:rgb(159, 132, 105)  
}
```

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(159, 132, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 132, 105) }
```

Border

The CSS property to change the border of an element to YIQ 136.9950, 24.7590, -2.6730 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(159, 132, 105) }
```


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

```
.border{ border-color:rgb(159, 132, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 132, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 132, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 132, 105);  
box-shadow:4px 4px 4px 4px rgb(159, 132,  
105) }
```

Background

The CSS property to change the background color of an element to YIQ 136.9950, 24.7590, -2.6730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 132, 105) }
```

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

```
.background{ background-color: rgb(159,  
132, 105) }
```

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