

Converting Colors

YIQ(164.7620, 23.7970, -7.2670)

Have a look what the booklet for
YIQ(164.7620, 23.7970, -7.2670)
contains.

YIQ(164.7620, 23.7970, -7.2670)	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(164.7620, 23.7970,
-7.2670)**

Conversions

Conversions Part 1

Format	Color
Hex	B7A37E
RGB	183, 163, 126
RGB Percent	72%, 64%, 49%
CMY	0.2823, 0.3608, 0.5058
CMYK	0.00, 0.11, 0.31, 0.28
HSL	39°, 28%, 61%
HSV	39°, 31%, 72%
XYZ	36.3935, 37.7666, 25.1208
YIQ	164.7620, 23.7970, -7.2670

Conversions

Conversions Part 2

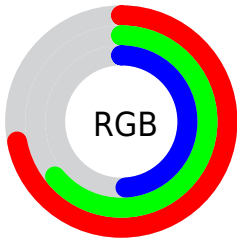
Format	Color
RYB	157, 183, 126
Decimal	12034942
CIELab	67.85, 1.66, 21.90
CIELCh	68, 21.964, 85.660
Yxy	37.7666, 0.3666, 0.3804
Android (android.graphics.Color)	4290225022 (0xFFB7A37E)
YUV	164.7620, -19.1097, 15.9947
Hunter-Lab	61.4545, -1.8372, 18.7821

Details

The YIQ color **164.7620, 23.7970, -7.2670** is a light color, and the websafe version is hex **999966**. A complement of this color would be **144.2380, -23.7970, 7.2670**, and the grayscale version is **165.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **220.1320, 25.6310, -7.4650**, and **112.5060, 21.6420, -6.7580** is the 20% darker color. If you saturate the color by 10%, you get **159.1880, 31.2250, -9.7270**, and if you desaturate by 10%, it is **170.3360, 16.3690, -4.8070**.

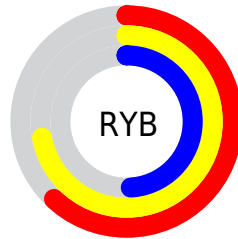
Distribution



Red (72%)

Green (64%)

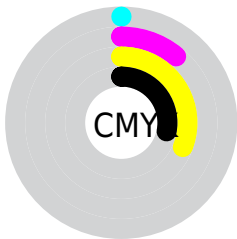
Blue (49%)



Red (62%)

Yellow (72%)

Blue (49%)

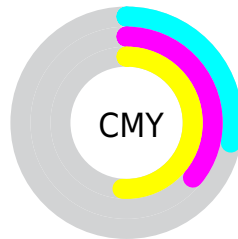


Cyan (0%)

Magenta (11%)

Yellow (31%)

Black (28%)



Cyan (28%)


Magenta (36%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 164.7620, 23.7970, -7.2670 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 164.7620, 23.7970, -7.2670 by changing the saturation by 10% instead.


 164.7620, 23.7970,
-7.2670

 164.7620, 23.7970,
-7.2670


255.0000, -0.0000,
-0.0000


 138.5770, 22.8800,
-7.1680


 220.1320, 25.6310,
-7.4650


 112.5060, 21.6420,
-6.7580


 244.2450, 17.8830,
-10.2210

 88.0220, 20.1290,
-6.8710

 252.7200, 6.4200,
-6.2200

 64.8370, 19.2120,
-6.7720

 42.1250, 18.3410,
-7.5070

 22.4820, 13.0220,
-4.7220

 0.0000, 0.0000,

0.0000

■ 164.7620, 23.7970,
-7.2670

■ 164.7620, 23.7970,
-7.2670

■ 159.1880, 31.2250,
-9.7270

■ 170.3360, 16.3690,
-4.8070

■ 152.9130, 39.2490,
-11.9750

■ 176.6110, 8.3450,
-2.5590

■ 147.3390, 46.6770,
-14.4350

■ 182.1850, 0.9170,
-0.0990

■ 141.1780, 54.3800,
-16.3720

■ 188.3460, -6.7860,
1.8380

■ 135.6040, 61.8080,
-18.8320

■ 194.0340,
-14.5350, 4.6090

■ 129.3290, 69.8320,
-21.0800

■ 200.1950,
-22.2380, 6.5460

■ 124.5700, 76.3430,
-23.4410

■ 205.7690,
-29.6660, 9.0060

■ 209.4050,
-31.6370, 6.1790

■ 213.5140,
-33.5620, 2.5180

Harmonies

Analogous

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



166.8220, 32.7360, 1.4400



164.7620, 23.7970, -7.2670



162.3470, 8.6680, -13.9240

Triad

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



164.7620, 23.7970, -7.2670



156.6510, -41.8580, -12.3380



168.6290, 9.0750, 17.2590

Complementary

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



164.7620, 23.7970, -7.2670



144.2380, -23.7970, 7.2670

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.



166.7560, -10.4560, 13.2880



164.7620, 23.7970, -7.2670



158.6930, -41.6760, -4.6200

Square

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



164.7620, 23.7970, -7.2670



157.3610, -29.4780, -16.4380



163.1340, -29.4360, 4.8360



168.6000, 25.2140, 16.6220

Rectangle

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



164.7620, 23.7970, -7.2670



161.1220, -3.9400, -16.7080



163.1340, -29.4360, 4.8360



168.2800, 2.7480, 16.2840

Sweetspot

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



164.7620, 23.7970, -7.2670



230.4970, 8.6660, -2.8700



145.4370, 27.2310, 18.6150



115.5830, 5.5480, -1.4280



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



164.7620, 23.7970, -7.2670



208.7710, 36.7730, -11.1550



174.1100, 13.5290, -19.4230



89.2130, 3.7140, -1.2300



105.9310, 65.2010, -19.7510



18.9380, 11.7380, -3.4780

Inverse Universe

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



144.2380, -23.7970, 7.2670



177.2290, -36.7730, 11.1550



134.8900, -13.5290, 19.4230



85.7870, -3.7140, 1.2300



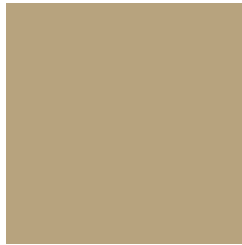
50.0690, -65.2010, 19.7510



9.0620, -11.7380, 3.4780

Previews

White Background



This preview shows how the YIQ color 164.7620, 23.7970, -7.2670 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 164.7620, 23.7970, -7.2670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

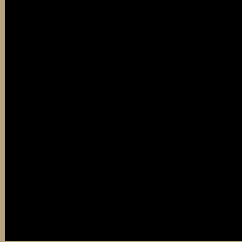
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 164.7620, 23.7970, -7.2670

Background



This preview shows how black text looks on a background with the YIQ color 164.7620, 23.7970, -7.2670.



This preview shows how white text looks on a background with the YIQ color 164.7620, 23.7970,

-7.2670.

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

164.7620, 23.7970, -7.2670

Protanopia

164.2560, 19.3500, -9.2740

Deuteranopia

165.8170, 31.1320, -2.5320



Tritanopia

167.6370, 14.6240, 10.3040

Trichromacy



Original Color

164.7620, 23.7970, -7.2670

Protanomaly

164.2670, 20.8170, -8.3270

Deuteranomaly

165.2080, 28.4730, -3.9030

Tritanomaly

166.3890, 18.0180, 3.8580

Monochromacy



Original Color

164.7620, 23.7970, -7.2670

Achromatopsia

165.0000, -0.0000, -0.0000

Achromatomaly

164.9100, 8.9410, -2.3470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 164.7620, 23.7970, -7.2670 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(183, 163, 126)` looks like.

```
.text, #text, p{  
    color:rgb(183, 163, 126)  
}
```

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(183, 163, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 163, 126) }
```

Border

The CSS property to change the border of an element to YIQ 164.7620, 23.7970, -7.2670 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(183, 163, 126) }
```


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

```
.border{ border-color:rgb(183, 163, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 163, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 163, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 163, 126);  
box-shadow:4px 4px 4px 4px rgb(183, 163,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 164.7620, 23.7970, -7.2670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 163, 126) }
```

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

```
.background{ background-color: rgb(183,  
163, 126) }
```

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