

Converting Colors

YIQ(168.5340, 24.4390, -7.8890)

Have a look what the booklet for
YIQ(168.5340, 24.4390, -7.8890)
contains.

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Color

**YIQ(168.5340, 24.4390,
-7.8890)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA780
RGB	187, 167, 128
RGB Percent	73%, 65%, 50%
CMY	0.2666, 0.3451, 0.4979
CMYK	0.00, 0.11, 0.32, 0.27
HSL	40°, 30%, 62%
HSV	40°, 32%, 73%
XYZ	38.2105, 39.7592, 26.0937
YIQ	168.5340, 24.4390, -7.8890

Conversions

Conversions Part 2

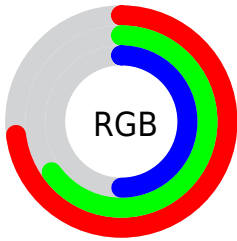
Format	Color
R_{YB}	158, 187, 128
Decimal	12298112
CIE _{Lab}	69.30, 1.36, 22.84
CIE _{LCh}	69, 22.877, 86.594
Yxy	39.7592, 0.3672, 0.3821
Android (android.graphics.Color)	4290488192 (0xFFBBA780)
YUV	168.5340, -19.9833, 16.1947
Hunter-Lab	63.0549, -2.1772, 19.6028

Details

The YIQ color **168.5340, 24.4390, -7.8890** is a light color, and the websafe version is hex **999966**. A complement of this color would be **146.4660, -24.4390, 7.8890**, and the grayscale version is **169.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **223.9040, 26.2730, -8.0870**, and **116.1640, 22.6050, -7.6910** is the 20% darker color. If you saturate the color by 10%, you get **162.8460, 32.1880, -10.6600**, and if you desaturate by 10%, it is **174.2220, 16.6900, -5.1180**.

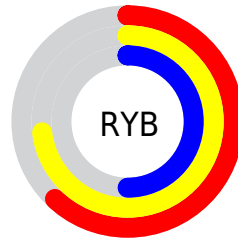
Distribution



Red (73%)

Green (65%)

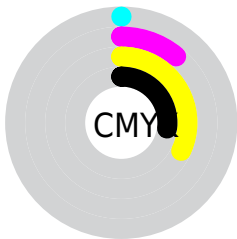
Blue (50%)



Red (62%)

Yellow (73%)

Blue (50%)

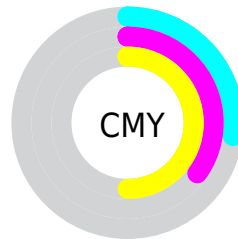


Cyan (0%)

Magenta (11%)

Yellow (32%)

Black (27%)



Cyan (27%)

Magenta (35%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 168.5340, 24.4390, -7.8890 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 168.5340, 24.4390, -7.8890 by changing the saturation by 10% instead.

■ 168.5340, 24.4390,
-7.8890

■ 168.5340, 24.4390,
-7.8890

255.0000, -0.0000,
-0.0000

■ 142.3490, 23.5220,
-7.7900

■ 223.9040, 26.2730,
-8.0870

■ 116.1640, 22.6050,
-7.6910

■ 247.4080, 15.8660,
-12.2140

■ 91.6800, 21.0920,
-7.8040

■ 252.9480, 5.7780,
-5.5980

■ 67.6090, 19.8540,
-7.3940

■ 45.0110, 18.6620,
-7.8180

■ 25.1400, 13.9850,
-5.6550

■ 0.0000, 0.0000,

0.0000

■ 168.5340, 24.4390,
-7.8890

■ 168.5340, 24.4390,
-7.8890

■ 162.8460, 32.1880,
-10.6600

■ 174.2220, 16.6900,
-5.1180

■ 156.6850, 39.8910,
-12.5970

■ 180.3830, 8.9870,
-3.1810

■ 150.9970, 47.6400,
-15.3680

■ 186.0710, 1.2380,
-0.4100

■ 145.3090, 55.3890,
-18.1390

■ 191.7590, -6.5110,
2.3610

■ 139.1480, 63.0920,
-20.0760

■ 198.0340,
-14.5350, 4.6090

■ 133.4600, 70.8410,
-22.8470

■ 203.6080,
-21.9630, 7.0690

■ 128.7010, 77.3520,
-25.2080

■ 208.8400,
-28.4280, 8.5960

■ 212.9490,
-30.3530, 4.9350

■ 216.4710,
-32.0030, 1.7970

Harmonies

Analogous

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



170.3060, 34.2490, 1.5530



168.5340, 24.4390, -7.8890



166.5210, 8.1180, -14.9700

Triad

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



168.5340, 24.4390, -7.8890



160.4550, -44.2420, -13.1860



172.6400, 10.5420, 18.2060

Complementary

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



168.5340, 24.4390, -7.8890



146.4660, -24.4390, 7.8890

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.



171.1690, -10.1810, 13.8110



168.5340, 24.4390, -7.8890



162.3230, -43.5100, -4.4220

Square

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



168.5340, 24.4390, -7.8890



161.0510, -31.5410, -17.5970



167.0630, -30.6740, 5.2460



173.0840, 26.7270, 16.7350

Rectangle

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



168.5340, 24.4390, -7.8890



164.4100, -4.8110, -17.4430



167.0630, -30.6740, 5.2460



172.4050, 3.8940, 17.5420

Sweetspot

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



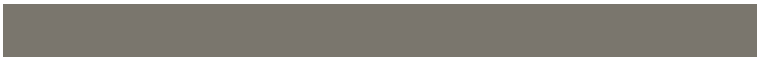
168.5340, 24.4390, -7.8890



235.3830, 8.9870, -3.1810



148.0350, 28.4230, 19.0390



118.1700, 5.2730, -1.9510



250.0000, 0.0000, 0.0000



122.0000, 0.0000, -0.0000

Same Dimension

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



168.5340, 24.4390, -7.8890



213.3150, 38.0570, -12.3990



177.5830, 13.5750, -20.2570



91.2130, 3.7140, -1.2300



108.2900, 65.5680, -20.8960



21.0090, 12.9760, -3.8880

Inverse Universe

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



146.4660, -24.4390, 7.8890



178.6850, -38.0570, 12.3990



137.4170, -13.5750, 20.2570



87.7870, -3.7140, 1.2300



49.7100, -65.5680, 20.8960



9.4040, -12.7010, 4.4110

Previews

White Background



This preview shows how the YIQ color 168.5340, 24.4390, -7.8890 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 168.5340, 24.4390, -7.8890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

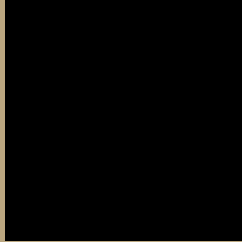
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 168.5340, 24.4390, -7.8890

Background



This preview shows how black text looks on a background with the YIQ color 168.5340, 24.4390, -7.8890.



This preview shows how white text looks on a background with the YIQ color 168.5340, 24.4390,

-7.8890.

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

168.5340, 24.4390, -7.8890

Protanopia

168.0280, 19.9920, -9.8960

Deuteranopia

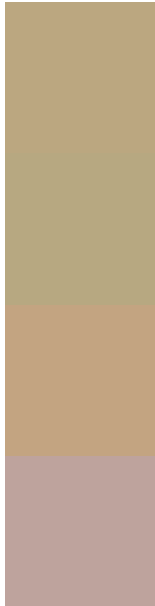
169.3010, 32.6450, -2.4190



Tritanopia

171.6370, 14.6240, 10.3040

Trichromacy



Original Color

168.5340, 24.4390, -7.8890

Protanomaly

168.0390, 21.4590, -8.9490

Deuteranomaly

169.2790, 29.7110, -4.3130

Tritanomaly

170.3890, 18.0180, 3.8580

Monochromacy



Original Color

168.5340, 24.4390, -7.8890

Achromatopsia

169.0000, -0.0000, -0.0000

Achromatomaly

168.7960, 9.2620, -2.6580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 168.5340, 24.4390, -7.8890 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(187, 167, 128)` looks like.

```
.text, #text, p{  
    color:rgb(187, 167, 128)  
}
```

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(187, 167, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 167, 128) }
```

Border

The CSS property to change the border of an element to YIQ 168.5340, 24.4390, -7.8890 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(187, 167, 128) }
```


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

```
.border{ border-color:rgb(187, 167, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 167, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 167, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 167, 128);  
box-shadow:4px 4px 4px 4px rgb(187, 167,  
128) }
```

Background

The CSS property to change the background color of an element to YIQ 168.5340, 24.4390, -7.8890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 167, 128) }
```

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

```
.background{ background-color: rgb(187,  
167, 128) }
```

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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