

Converting Colors

YIQ(171.3600, 24.9890, -6.8430)

Have a look what the booklet for
YIQ(171.3600, 24.9890, -6.8430)
contains.

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Color

**YIQ(171.3600, 24.9890,
-6.8430)**

Conversions

Conversions Part 1

Format	Color
Hex	BFA984
RGB	191, 169, 132
RGB Percent	75%, 66%, 52%
CMY	0.2510, 0.3373, 0.4822
CMYK	0.00, 0.12, 0.31, 0.25
HSL	38°, 32%, 63%
HSV	38°, 31%, 75%
XYZ	39.8411, 41.1166, 27.6779
YIQ	171.3600, 24.9890, -6.8430

Conversions

Conversions Part 2

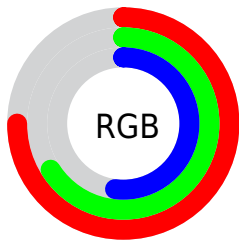
Format	Color
RYB	167, 191, 132
Decimal	12560772
CIELab	70.26, 2.40, 22.03
CIELCh	70, 22.156, 83.788
Yxy	41.1166, 0.3667, 0.3785
Android (android.graphics.Color)	4290750852 (0xFFBFA984)
YUV	171.3600, -19.4045, 17.2243
Hunter-Lab	64.1222, -1.3066, 19.2934

Details

The YIQ color **171.3600, 24.9890, -6.8430** is a light color, and the websafe version is hex **999966**. A complement of this color would be **151.6400, -24.9890, 6.8430**, and the grayscale version is **172.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **226.7300, 26.8230, -7.0410**, and **118.9900, 23.1550, -6.6450** is the 20% darker color. If you saturate the color by 10%, you get **165.0850, 33.0130, -9.0910**, and if you desaturate by 10%, it is **177.6350, 16.9650, -4.5950**.

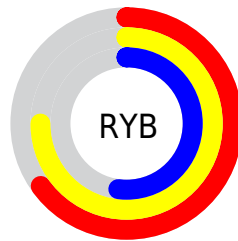
Distribution



Red (75%)

Green (66%)

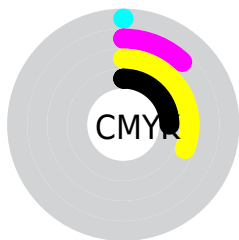
Blue (52%)



Red (65%)

Yellow (75%)

Blue (52%)

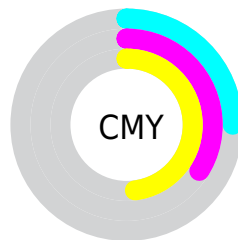


Cyan (0%)

Magenta (12%)

Yellow (31%)

Black (25%)



Cyan (25%)


Magenta (34%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 171.3600, 24.9890, -6.8430 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 171.3600, 24.9890, -6.8430 by changing the saturation by 10% instead.

 171.3600, 24.9890,
-6.8430


 171.3600, 24.9890,
-6.8430


255.0000, -0.0000,
-0.0000


 144.8760, 23.4760,
-6.9560


 226.7300, 26.8230,
-7.0410


 118.9900, 23.1550,
-6.6450


 249.0380, 14.0320,
-12.0160

 93.9190, 21.9170,
-6.2350

 253.4040, 4.4940,
-4.3540

 70.1360, 19.8080,
-6.5600

 47.6520, 18.2950,
-6.6730

 26.9230, 16.0940,
-5.3300

 2.3920, 4.7680,

1.6960

■ 0.0000, 0.0000,
0.0000

■ 171.3600, 24.9890,
-6.8430

■ 171.3600, 24.9890,
-6.8430

■ 165.0850, 33.0130,
-9.0910

■ 177.6350, 16.9650,
-4.5950

■ 158.8100, 41.0370,
-11.3390

■ 183.9100, 8.9410,
-2.3470

■ 152.5350, 49.0610,
-13.5870

■ 190.1850, 0.9170,
-0.0990

■ 145.6730, 57.3600,
-15.3120

■ 197.0470, -7.3820,
1.6260

■ 139.3980, 65.3840,
-17.5600

■ 203.4360,
-15.7270, 4.1850

■ 133.0090, 73.7290,
-20.1190

■ 209.7110,
-23.7510, 6.4330

■ 127.5490, 80.8360,
-22.2680

■ 214.7320,
-28.2440, 5.2600

■ 218.8410,
-30.1690, 1.5990

■ 222.9500,
-32.0940, -2.0620

Harmonies

Analogous

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



173.5340, 33.6070, 2.1750



171.3600, 24.9890, -6.8430



168.9450, 9.8600, -13.5000

Triad

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



171.3600, 24.9890, -6.8430



163.1240, -41.8120, -13.1720



175.4440, 8.1580, 17.3580

Complementary

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



171.3600, 24.9890, -6.8430



151.6400, -24.9890, 6.8430

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.



173.1580, -11.6480, 12.8640



171.3600, 24.9890, -6.8430



165.0950, -42.8680, -5.0440

Square

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



171.3600, 24.9890, -6.8430



164.1330, -28.8360, -17.0600



169.2370, -31.2240, 4.2000



175.4150, 24.2970, 16.7210

Rectangle

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



171.3600, 24.9890, -6.8430



167.3070, -3.0230, -16.8070



169.2370, -31.2240, 4.2000



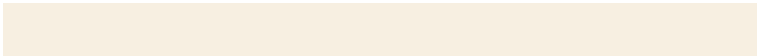
175.0950, 1.8310, 16.3830

Sweetspot

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



171.3600, 24.9890, -6.8430



239.7960, 9.2620, -2.6580



152.2630, 27.7810, 19.6610



120.4690, 5.8690, -1.7390



252.0000, 0.0000, 0.0000



125.0000, 0.0000, 0.0000

Same Dimension

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



171.3600, 24.9890, -6.8430



216.6680, 38.5610, -10.5190



182.1810, 14.7670, -19.8330



91.2130, 3.7140, -1.2300



105.3550, 66.9430, -18.2810



20.4220, 13.2510, -3.3650

Inverse Universe

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



151.6400, -24.9890, 6.8430



186.3320, -38.5610, 10.5190



140.8190, -14.7670, 19.8330



87.7870, -3.7140, 1.2300



52.6450, -66.9430, 18.2810



9.9910, -12.9760, 3.8880

Previews

White Background



This preview shows how the YIQ color 171.3600, 24.9890, -6.8430 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 171.3600, 24.9890, -6.8430 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

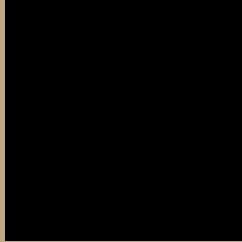
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YIQ 171.3600, 24.9890, -6.8430

Background



This preview shows how black text looks on a background with the YIQ color 171.3600, 24.9890, -6.8430.



This preview shows how white text looks on a background with the YIQ color 171.3600, 24.9890,

-6.8430.

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

171.3600, 24.9890, -6.8430

Protanopia

170.8430, 19.0750, -9.7970

Deuteranopia

172.4150, 32.3240, -2.1080



Tritanopia

174.3490, 15.4950, 11.0390

Trichromacy



Original Color

171.3600, 24.9890, -6.8430

Protanomaly

171.1530, 21.1380, -8.6380

Deuteranomaly

171.8060, 29.6650, -3.4790

Tritanomaly

173.1010, 18.8890, 4.5930

Monochromacy



Original Color

171.3600, 24.9890, -6.8430

Achromatopsia

171.0000, -0.0000, -0.0000

Achromatomaly

170.9100, 8.9410, -2.3470

CSS Examples

Text

The CSS property to change the color of the text to YIQ 171.3600, 24.9890, -6.8430 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(191, 169, 132)` looks like.

```
.text, #text, p{  
    color:rgb(191, 169, 132)  
}
```

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(191, 169, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 169, 132) }
```

Border

The CSS property to change the border of an element to YIQ 171.3600, 24.9890, -6.8430 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(191, 169, 132) }
```


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

```
.border{ border-color:rgb(191, 169, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 169, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 169, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 169, 132);  
box-shadow:4px 4px 4px 4px rgb(191, 169,  
132) }
```

Background

The CSS property to change the background color of an element to YIQ 171.3600, 24.9890, -6.8430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 169, 132) }
```

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

```
.background{ background-color: rgb(191,  
169, 132) }
```

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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