

Converting Colors

YIQ(99.8380, 34.6660, -22.5340)

Have a look what the booklet for
YIQ(99.8380, 34.6660, -22.5340)
contains.

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Color

**YIQ(99.8380, 34.6660,
-22.5340)**

Conversions

Conversions Part 1

Format	Color
Hex	776917
RGB	119, 105, 23
RGB Percent	47%, 41%, 9%
CMY	0.5334, 0.5882, 0.9096
CMYK	0.00, 0.12, 0.81, 0.53
HSL	51°, 68%, 28%
HSV	51°, 81%, 47%
XYZ	12.8133, 14.0856, 2.8568
YIQ	99.8380, 34.6660, -22.5340

Conversions

Conversions Part 2

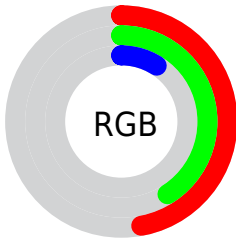
Format	Color
R_YB	39, 119, 23
Decimal	7825687
CIE _{Lab}	44.36, -3.78, 44.63
CIE _{LCh}	44, 44.791, 94.837
Yxy	14.0856, 0.4306, 0.4734
Android (android.graphics.Color)	4286015767 (0xFF776917)
YUV	99.8380, -37.8811, 16.8051
Hunter-Lab	37.5308, -4.7378, 21.7585

Details

The YIQ color **99.8380, 34.6660, -22.5340** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **42.1620, -34.6660, 22.5340**, and the grayscale version is **100.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **152.0340, 37.0500, -21.6860**, and **54.0790, 23.9820, -16.1300** is the 20% darker color. If you saturate the color by 10%, you get **97.2960, 39.0680, -25.2200**, and if you desaturate by 10%, it is **102.3800, 30.2640, -19.8480**.

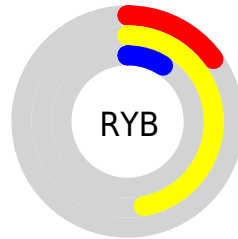
Distribution



Red (47%)

Green (41%)

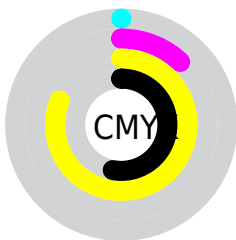
Blue (9%)



Red (15%)

Yellow (47%)

Blue (9%)

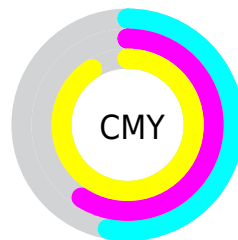


Cyan (0%)

Magenta (12%)

Yellow (81%)

Black (53%)



Cyan (53%)

Magenta (59%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 99.8380, 34.6660, -22.5340 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 99.8380, 34.6660, -22.5340 by changing the saturation by 10% instead.

■ 99.8380, 34.6660,
-22.5340

■ 99.8380, 34.6660,
-22.5340

■ 255.0000, -0.0000,
-0.0000

■ 75.0550, 32.5570,
-22.8590

■ 152.0340, 37.0500,
-21.6860

■ 54.0790, 23.9820,
-16.1300

■ 179.4040, 38.8840,
-21.8840

■ 34.2770, 14.8570,
-10.4470

■ 206.8880, 40.3970,
-21.7710

■ 14.1650, 3.6690,
-5.9230

■ 233.2790, 37.7380,
-23.1420

■ 0.0000, 0.0000,
0.0000

■ 246.3360, 24.3960,
-23.6360

■ 249.5280, 15.4080,

-14.9280

■ 252.8340, 6.0990,
-5.9090

■ 99.8380, 34.6660,
-22.5340

■ 99.8380, 34.6660,
-22.5340

■ 97.2960, 39.0680,
-25.2200

■ 102.3800, 30.2640,
-19.8480

■ 95.4550, 42.8740,
-28.1180

■ 104.3350, 26.1370,
-16.6390

■ 106.8770, 21.7350,
-13.9530

■ 109.4190, 17.3330,
-11.2670

■ 111.9610, 12.9310,
-8.5810

■ 113.8020, 9.1250,
-5.6830

■ 116.3440, 4.7230,
-2.9970

■ 118.8860, 0.3210,
-0.3110

■ 121.4280, -4.0810,
2.3750

Harmonies

Analogous

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



102.0720, 52.2230, -4.8090



99.8380, 34.6660, -22.5340



95.8710, 3.5360, -31.0560

Triad

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



99.8380, 34.6660, -22.5340



88.2580, -80.4160, -18.4000



107.1620, 27.2280, 35.1960

Complementary

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



99.8380, 34.6660, -22.5340



42.1620, -34.6660, 22.5340

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.



107.0140, -10.6420, 27.6780



99.8380, 34.6660, -22.5340



88.2870, -87.3870, -7.6990

Square

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



99.8380, 34.6660, -22.5340



84.7410, -69.1350, -30.1190



92.4840, -68.4080, 6.2800



103.9180, 51.1620, 30.9540

Rectangle

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



99.8380, 34.6660, -22.5340



90.1480, -25.1650, -34.0370



92.4840, -68.4080, 6.2800



108.0620, 15.7660, 33.6700

Sweetspot

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



99.8380, 34.6660, -22.5340



148.1460, 13.8480, -8.6800



53.3000, 52.7220, 24.7060



74.6170, 8.2080, -5.5840



207.0000, 0.0000, -0.0000



79.0000, -0.0000, 0.0000

Same Dimension

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



99.8380, 34.6660, -22.5340



125.8720, 54.5210, -35.4550



97.8900, 10.5520, -37.0640



57.7290, 2.2010, -1.3430



98.1130, 43.8370, -29.0510



199.7810, 90.4250, -58.3990

Inverse Universe

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



42.1620, -34.6660, 22.5340



35.1280, -54.5210, 35.4550



44.1100, -10.5520, 37.0640



54.2710, -2.2010, 1.3430



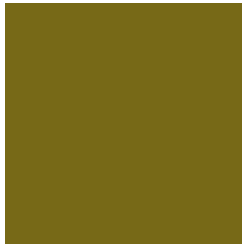
24.4740, -44.1120, 28.5280



49.6320, -90.1500, 58.9220

Previews

White Background



This preview shows how the YIQ color 99.8380, 34.6660, -22.5340 looks on a white 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

Black Background



This preview shows how the YIQ color 99.8380, 34.6660, -22.5340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

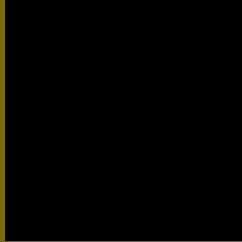
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 99.8380, 34.6660, -22.5340

Background



This preview shows how black text looks on a background with the YIQ color 99.8380, 34.6660, -22.5340.



This preview shows how white text looks on a background with the YIQ color 99.8380, 34.6660, -22.5340.

-22.5340.

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

99.8380, 34.6660, -22.5340

Protanopia

99.5390, 34.0700, -22.7460

Deuteranopia

101.1320, 42.8260, -16.2300



Tritanopia

106.8710, 13.8450, 7.9010

Trichromacy



Original Color

99.8380, 34.6660, -22.5340

Protanomaly

99.5390, 34.0700, -22.7460

Deuteranomaly

100.6970, 39.6170, -18.6470

Tritanomaly

104.6140, 21.4580, -3.4220

Monochromacy



Original Color

99.8380, 34.6660, -22.5340

Achromatopsia

100.0000, -0.0000, -0.0000

Achromatomaly

100.0750, 12.6100, -8.2700

CSS Examples

Text

The CSS property to change the color of the text to YIQ 99.8380, 34.6660, -22.5340 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(119, 105, 23)` looks like.

```
.text, #text, p{  
    color:rgb(119, 105, 23)  
}
```

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(119, 105, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 105, 23) }
```

Border

The CSS property to change the border of an element to YIQ 99.8380, 34.6660, -22.5340 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(119, 105, 23) }
```


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

```
.border{ border-color:rgb(119, 105, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 105, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 105, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 105, 23);  
box-shadow:4px 4px 4px 4px rgb(119, 105,  
23) }
```

Background

The CSS property to change the background color of an element to YIQ 99.8380, 34.6660, -22.5340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 105, 23) }
```

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

```
.background{ background-color: rgb(119,  
105, 23) }
```

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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