

Converting Colors

YIQ(146.7680, 23.6600,
-10.2920)

Have a look what the booklet for
YIQ(146.7680, 23.6600, -10.2920)
contains.

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Color

**YIQ(146.7680, 23.6600,
-10.2920)**

Conversions

Conversions Part 1

Format	Color
Hex	A39367
RGB	163, 147, 103
RGB Percent	64%, 58%, 40%
CMY	0.3608, 0.4235, 0.5959
CMYK	0.00, 0.10, 0.37, 0.36
HSL	44°, 25%, 52%
HSV	44°, 37%, 64%
XYZ	27.9873, 29.6321, 17.0850
YIQ	146.7680, 23.6600, -10.2920

Conversions

Conversions Part 2

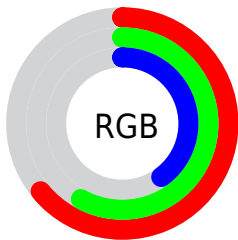
Format	Color
R_{YB}	125, 163, 103
Decimal	10720103
CIE Lab	61.34, -0.70, 25.46
CIE LCh	61, 25.473, 91.575
Yxy	29.6321, 0.3746, 0.3967
Android (android.graphics.Color)	4288910183 (0xFFA39367)
YUV	146.7680, -21.5776, 14.2355
Hunter-Lab	54.4353, -3.4881, 19.4960

Details

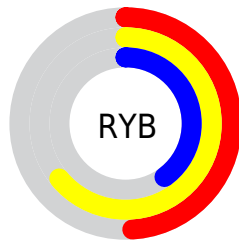
The YIQ color $146.7680, 23.6600, -10.2920$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $119.2320, -23.6600, 10.2920$, and the grayscale version is $147.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $201.1380, 25.4940, -10.4900$, and $96.0990, 21.2300, -10.3060$ is the 20% darker color. If you saturate the color by 10%, you get $142.5960, 29.8960, -13.1760$, and if you desaturate by 10%, it is $150.9400, 17.4240, -7.4080$.

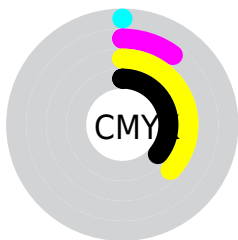
Distribution



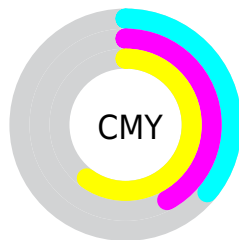
- Red (64%)
- Green (58%)
- Blue (40%)



- Red (49%)
- Yellow (64%)
- Blue (40%)



- Cyan (0%)
- Magenta (10%)
- Yellow (37%)
- Black (36%)



- Cyan (36%)
- Magenta (42%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 146.7680, 23.6600, -10.2920 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 146.7680, 23.6600, -10.2920 by changing the saturation by 10% instead.

■ 146.7680, 23.6600,
-10.2920

■ 146.7680, 23.6600,
-10.2920

■ 255.0000, -0.0000,
-0.0000

■ 120.6970, 22.4220,
-9.8820

■ 201.1380, 25.4940,
-10.4900

■ 96.0990, 21.2300,
-10.3060

■ 229.3230, 26.4110,
-10.5890

■ 72.0280, 19.9920,
-9.8960

■ 249.7560, 14.7660,
-14.3060

■ 49.4300, 18.8000,
-10.3200

■ 253.0620, 5.4570,
-5.2870

■ 28.9720, 14.3980,
-7.6340

■ 4.7290, 2.2010,
-1.3430

■ 0.0000, 0.0000,

0.0000

■ 146.7680, 23.6600,
-10.2920

■ 146.7680, 23.6600,
-10.2920

■ 142.5960, 29.8960,
-13.1760

■ 150.9400, 17.4240,
-7.4080

■ 137.7230, 36.7280,
-15.8480

■ 155.8130, 10.5920,
-4.7360

■ 133.5510, 42.9640,
-18.7320

■ 159.9850, 4.3560,
-1.8520

■ 129.3790, 49.2000,
-21.6160

■ 164.1570, -1.8800,
1.0320

■ 124.6200, 55.7110,
-23.9770

■ 169.0300, -8.7120,
3.7040

■ 120.3340, 62.2680,
-27.1720

■ 173.2020,
-14.9480, 6.5880

■ 118.5900, 64.4230,
-27.6810

■ 177.3740,
-21.1840, 9.4720

■ 182.1330,
-27.6950, 11.8330

■ 186.4190,
-34.2520, 15.0280

Harmonies

Analogous

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



148.4370, 35.2580, -0.2140



146.7680, 23.6600, -10.2920



144.3850, 5.5050, -17.1750

Triad

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



146.7680, 23.6600, -10.2920



136.7360, -52.4030, -13.9630



151.8470, 14.3930, 20.0010

Complementary

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



146.7680, 23.6600, -10.2920



119.2320, -23.6600, 10.2920

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.



150.3050, -7.5680, 16.0160



146.7680, 23.6600, -10.2920



140.0990, -48.6910, -4.1390

Square

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



146.7680, 23.6600, -10.2920



138.1040, -39.0600, -18.9960



146.2310, -31.0870, 7.2250



151.1770, 30.8990, 18.2190

Rectangle

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



146.7680, 23.6600, -10.2920



141.9040, -9.2580, -19.4500



146.2310, -31.0870, 7.2250



151.6120, 7.7450, 19.3370

Sweetspot

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



146.7680, 23.6600, -10.2920



205.1550, 9.6290, -3.8030



122.8780, 30.3030, 18.0070



103.0560, 5.5940, -2.2620



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



146.7680, 23.6600, -10.2920



186.7230, 36.7280, -15.8480



152.2730, 11.5120, -21.4160



79.2130, 3.7140, -1.2300



106.1640, 56.9950, -25.2210



13.0130, 7.1530, -2.9830

Inverse Universe

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



119.2320, -23.6600, 10.2920



143.6900, -36.4530, 16.3710



113.7270, -11.5120, 21.4160



75.7870, -3.7140, 1.2300



39.4230, -57.2700, 24.6980



4.9870, -7.1530, 2.9830

Previews

White Background



This preview shows how the YIQ color 146.7680, 23.6600, -10.2920 looks on a white background.

Color Contrast Check

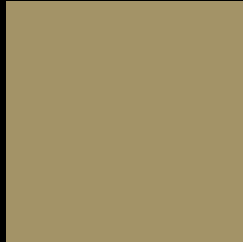
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.7680, 23.6600, -10.2920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

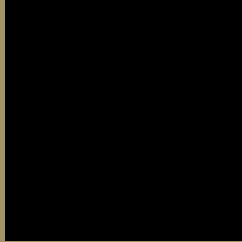
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 146.7680, 23.6600, -10.2920

Background



This preview shows how black text looks on a background with the YIQ color 146.7680, 23.6600, -10.2920.



This preview shows how white text looks on a background with the YIQ color 146.7680, 23.6600, -10.2920.

-10.2920.

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

146.7680, 23.6600, -10.2920

Protanopia

146.4580, 21.5970, -11.4510

Deuteranopia

147.8340, 32.4620, -4.6100



Tritanopia

150.3270, 12.5610, 9.1450

Trichromacy



Original Color

146.7680, 23.6600, -10.2920

Protanomaly

146.7570, 22.1930, -11.2390

Deuteranomaly

147.5130, 28.9320, -6.7160

Tritanomaly

148.8510, 16.5970, 2.0770

Monochromacy



Original Color

146.7680, 23.6600, -10.2920

Achromatopsia

147.0000, -0.0000, 0.0000

Achromatomaly

146.9700, 8.7120, -3.7040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 146.7680, 23.6600, -10.2920 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(163, 147, 103)` looks like.

```
.text, #text, p{  
    color:rgb(163, 147, 103)  
}
```

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(163, 147, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 147, 103) }
```

Border

The CSS property to change the border of an element to YIQ 146.7680, 23.6600, -10.2920 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(163, 147, 103) }
```


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

```
.border{ border-color:rgb(163, 147, 103) }
```

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

Here you see how a box with a 4 pixel rgb(163, 147, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 147, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 147, 103);  
box-shadow:4px 4px 4px 4px rgb(163, 147,  
103) }
```

Background

The CSS property to change the background color of an element to YIQ 146.7680, 23.6600, -10.2920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 147, 103) }
```

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

```
.background{ background-color: rgb(163,  
147, 103) }
```

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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