

Converting Colors

YIQ(96.4690, 13.8960, -20.5680)

Have a look what the booklet for
YIQ(96.4690, 13.8960, -20.5680)
contains.

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Color

**YIQ(96.4690, 13.8960,
-20.5680)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 616A2E |
| RGB | 97, 106, 46 |
| RGB Percent | 38%, 42%, 18% |
| CMY | 0.6197, 0.5843, 0.8195 |
| CMYK | 0.09, 0.00, 0.57, 0.58 |
| HSL | 69°, 39%, 30% |
| HSV | 69°, 57%, 42% |
| XYZ | 10.5762, 13.0468, 4.5483 |
| YIQ | 96.4690, 13.8960, -20.5680 |

Conversions

Conversions Part 2

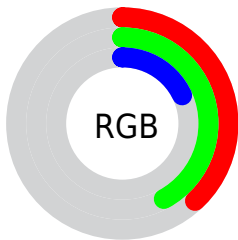
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 46, 106, 55 |
| Decimal | 6384174 |
| CIE _{Lab} | 42.83, -13.10, 32.04 |
| CIE _{LCh} | 43, 34.618, 112.239 |
| Yxy | 13.0468, 0.3754, 0.4631 |
| Android (android.graphics.Color) | 4284574254 (0xFF616A2E) |
| YUV | 96.4690, -24.8812, 0.4657 |
| Hunter-Lab | 36.1204, -10.9451, 17.8184 |

Details

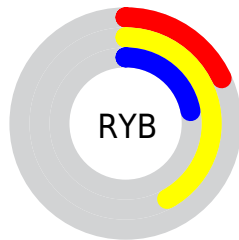
The YIQ color **96.4690, 13.8960, -20.5680** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **55.5310, -13.8960, 20.5680**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **147.4260, 15.4550, -21.2890**, and **49.2840, 12.9790, -20.4690** is the 20% darker color. If you saturate the color by 10%, you get **94.6170, 16.2350, -24.4130**, and if you desaturate by 10%, it is **98.3210, 11.5570, -16.7230**.

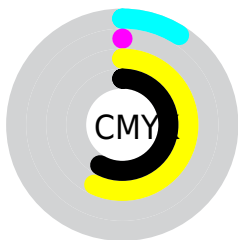
Distribution



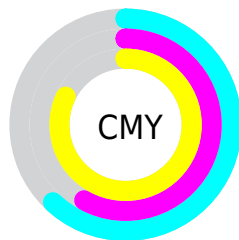
- Red (38%)
- Green (42%)
- Blue (18%)



- Red (18%)
- Yellow (42%)
- Blue (22%)



- Cyan (9%)
- Magenta (0%)
- Yellow (57%)
- Black (58%)



- Cyan (62%)
- Magenta (58%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.4690, 13.8960, -20.5680 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 96.4690, 13.8960, -20.5680 by changing the saturation by 10% instead.

96.4690, 13.8960,
-20.5680

96.4690, 13.8960,
-20.5680

255.0000, -0.0000,
-0.0000

72.2840, 12.9790,
-20.4690

147.4260, 15.4550,
-21.2890

49.2840, 12.9790,
-20.4690

174.1980, 16.0970,
-21.9110

29.4930, 5.3210,
-13.8390

201.9700, 16.7390,
-22.5330

10.5660, -4.9500,
-9.4140

230.1550, 17.6560,
-22.6320

0.0000, 0.0000,
0.0000

248.7300, 17.6550,
-17.1050

251.9220, 8.6670,

-8.3970

■ 96.4690, 13.8960,
-20.5680

■ 96.4690, 13.8960,
-20.5680

■ 94.6170, 16.2350,
-24.4130

■ 98.3210, 11.5570,
-16.7230

■ 93.1780, 18.8490,
-27.7350

■ 99.7600, 8.9430,
-13.4010

■ 91.3260, 21.1880,
-31.5800

■ 101.6120, 6.6040,
-9.5560

■ 89.8870, 23.8020,
-34.9020

■ 103.0510, 3.9900,
-6.2340

■ 89.1320, 24.4900,
-36.3580

■ 104.9030, 1.6510,
-2.3890

■ 106.7550, -0.6880,
1.4560

■ 108.1940, -3.3020,
4.7780

■ 110.0460, -5.6410,
8.6230

■ 111.4850, -8.2550,
11.9450

Harmonies

Analogous

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



99.2160, 34.0220, -10.8580



96.4690, 13.8960, -20.5680



91.9910, -14.1170, -25.0050

Triad

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



96.4690, 13.8960, -20.5680



82.9750, -77.9410, -13.6930



103.1760, 32.6400, 25.2160

Complementary

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



96.4690, 13.8960, -20.5680



55.5310, -13.8960, 20.5680

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.



103.9700, 9.8530, 25.1890



96.4690, 13.8960, -20.5680



87.7090, -64.9680, -1.0000

Square

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



96.4690, 13.8960, -20.5680



82.0000, -71.0620, -22.7260



101.7040, -21.8730, 16.4550



101.3650, 44.9290, 17.2570

Rectangle

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



96.4690, 13.8960, -20.5680



85.9370, -40.3880, -27.9720



101.7040, -21.8730, 16.4550



103.8810, 26.2210, 25.9090

Sweetspot

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



96.4690, 13.8960, -20.5680



134.0680, 5.3200, -8.3120



69.2230, 33.2850, 8.0130



66.8060, 3.3020, -4.7780



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



96.4690, 13.8960, -20.5680



123.0980, 21.8300, -32.2020



87.4990, -3.9840, -26.9280



53.0170, 1.3300, -2.0780



98.5790, 27.4250, -39.9910



206.0070, 56.5930, -84.0390

Inverse Universe

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



55.5310, -13.8960, 20.5680



58.9020, -21.8300, 32.2020



64.5010, 3.9840, 26.9280



48.9830, -1.3300, 2.0780



18.7200, -26.8290, 40.2030



38.9930, -56.5930, 84.0390

Previews

White Background



This preview shows how the YIQ color 96.4690, 13.8960, -20.5680 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 96.4690, 13.8960, -20.5680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

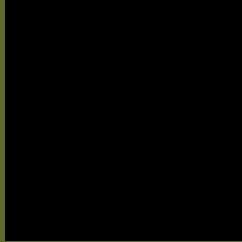
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 96.4690, 13.8960, -20.5680

Background



This preview shows how black text looks on a background with the YIQ color 96.4690, 13.8960, -20.5680.



This preview shows how white text looks on a background with the YIQ color 96.4690, 13.8960, -20.5680.

-20.5680.

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

96.4690, 13.8960, -20.5680

Protanopia

97.9050, 24.5320, -15.0840

Deuteranopia

99.3130, 32.3710, -8.4690



Tritanopia

101.9940, 0.1370, 3.0250

Trichromacy



Original Color

96.4690, 13.8960, -20.5680

Protanomaly

97.5840, 21.0020, -17.1900

Deuteranomaly

98.5570, 25.6320, -12.9920

Tritanomaly

99.7630, 4.8610, -5.4990

Monochromacy



Original Color

96.4690, 13.8960, -20.5680

Achromatopsia

96.0000, -0.0000, 0.0000

Achromatomaly

96.2960, 4.6780, -7.6900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.4690, 13.8960, -20.5680 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(97, 106, 46)` looks like.

```
.text, #text, p{  
    color:rgb(97, 106, 46)  
}
```

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(97, 106, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(97, 106, 46) }
```

Border

The CSS property to change the border of an element to YIQ 96.4690, 13.8960, -20.5680 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(97, 106, 46) }
```


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

```
.border{ border-color:rgb(97, 106, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(97, 106, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(97, 106, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(97, 106, 46);  
box-shadow:4px 4px 4px 4px rgb(97, 106,  
46) }
```

Background

The CSS property to change the background color of an element to YIQ 96.4690, 13.8960, -20.5680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(97, 106, 46) }
```

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

```
.background{ background-color: rgb(97, 106,  
46) }
```

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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