

Converting Colors

YIQ(104.4470, 63.6880,
-19.8640)

Have a look what the booklet for
YIQ(104.4470, 63.6880, -19.8640)
contains.

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Color

**YIQ(104.4470, 63.6880,
-19.8640)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 996400 |
| RGB | 153, 100, 0 |
| RGB Percent | 60%, 39%, 0% |
| CMY | 0.3999, 0.6079, 0.9996 |
| CMYK | 0.00, 0.35, 1.00, 0.40 |
| HSL | 39°, 100%, 30% |
| HSV | 39°, 100%, 60% |
| XYZ | 17.6954, 15.8841, 2.1357 |
| YIQ | 104.4470, 63.6880, -19.8640 |

Conversions

Conversions Part 2

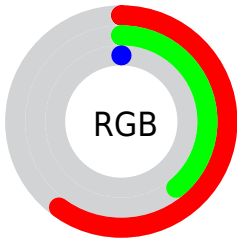
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 81, 153, 0 |
| Decimal | 10052608 |
| CIELab | 46.82, 14.72, 54.38 |
| CIELCh | 47, 56.333, 74.854 |
| Yxy | 15.8841, 0.4955, 0.4447 |
| Android (android.graphics.Color) | 4288242688 (0xFF996400) |
| YUV | 104.4470, -51.4924, 42.5810 |
| Hunter-Lab | 39.8549, 9.5074, 24.7212 |

Details

The YIQ color **104.4470, 63.6880, -19.8640** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **48.5530, -63.6880, 19.8640**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.9790, 65.2460, -15.0580**, and **59.8150, 42.6410, -7.3670** is the 20% darker color. If you saturate the color by 10%, you get **104.4470, 63.6880, -19.8640**, and if you desaturate by 10%, it is **109.0920, 57.4980, -17.8140**.

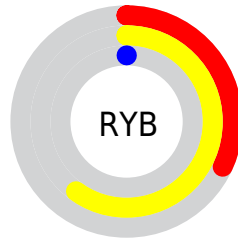
Distribution



Red (60%)

Green (39%)

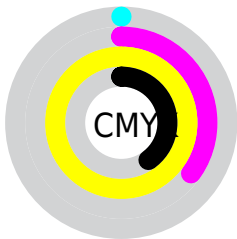
Blue (0%)



Red (32%)

Yellow (60%)

Blue (0%)

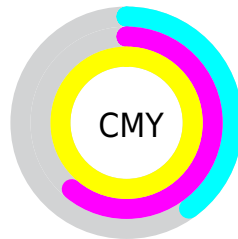


Cyan (0%)

Magenta (35%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (61%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 104.4470, 63.6880, -19.8640 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 104.4470, 63.6880, -19.8640 by changing the saturation by 10% instead.

104.4470, 63.6880,
-19.8640

104.4470, 63.6880,
-19.8640

254.7720, 0.6420,
-0.6220

81.6880, 53.0040,
-13.4600

158.9790, 65.2460,
-15.0580

59.8150, 42.6410,
-7.3670

186.1750, 67.6300,
-14.2100

39.4150, 32.3240,
-2.1080

209.4620, 59.3320,
-18.0120

19.9010, 22.3280,
2.8400

228.9760, 42.9650,
-24.2590

0.8970, 1.7880,
0.6360

244.9680, 28.2480,
-27.3680

0.0000, 0.0000,
0.0000

248.1600, 19.2600,

-18.6600

■ 251.3520, 10.2720,
-9.9520

■ 104.4470, 63.6880,
-19.8640

■ 109.0920, 57.4980,
-17.8140

■ 114.4380, 50.7120,
-15.9760

■ 119.0830, 44.5220,
-13.9260

■ 123.7280, 38.3320,
-11.8760

■ 129.0740, 31.5460,
-10.0380

■ 133.7190, 25.3560,
-7.9880

■ 138.3640, 19.1660,
-5.9380

■ 143.1230, 12.6550,
-3.5770

■ 148.3550, 6.1900,
-2.0500

Harmonies

Analogous

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



106.2200, 72.8980, 11.4740



104.4470, 63.6880, -19.8640



101.2810, 34.2560, -37.1360

Triad

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



104.4470, 63.6880, -19.8640



93.3470, -79.5890, -27.8850



113.9330, 3.2480, 40.2720

Complementary

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



104.4470, 63.6880, -19.8640



48.5530, -63.6880, 19.8640

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.



102.3850, -63.2750, 17.8850



104.4470, 63.6880, -19.8640



97.0750, -92.8420, -13.4660

Square

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



104.4470, 63.6880, -19.8640



86.5870, -63.3100, -42.0780



95.3430, -98.9880, -1.1960



109.3760, 47.5370, 47.0970

Rectangle

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



104.4470, 63.6880, -19.8640



97.7320, 5.0050, -41.1630



95.3430, -98.9880, -1.1960



113.4900, -14.6780, 34.7460

Sweetspot

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



104.4470, 63.6880, -19.8640



179.8330, 25.0350, -7.6770



51.9030, 73.8540, 49.2300



87.9660, 14.5350, -4.6090



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

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



104.4470, 63.6880, -19.8640



135.8110, 82.8540, -25.8020



128.6810, 35.4050, -52.4590



74.3270, 3.3930, -0.9190



95.8640, 58.1400, -18.4360



8.5830, 5.5480, -1.4280

Inverse Universe

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



48.5530, -63.6880, 19.8640



63.1890, -82.8540, 25.8020



24.3190, -35.4050, 52.4590



71.6730, -3.3930, 0.9190



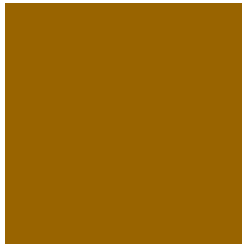
44.7230, -58.4150, 17.9130



3.8300, -5.2730, 1.9510

Previews

White Background



This preview shows how the YIQ color 104.4470, 63.6880, -19.8640 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 104.4470, 63.6880, -19.8640 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 104.4470, 63.6880, -19.8640

Background



This preview shows how black text looks on a background with the YIQ color 104.4470, 63.6880, -19.8640.



This preview shows how white text looks on a background with the YIQ color 104.4470, 63.6880, -19.8640.

-19.8640.

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

104.4470, 63.6880, -19.8640

Protanopia

104.6720, 40.7650, -28.4430

Tritanopia

112.9340, 35.8970, 15.7450

Trichromacy



Original Color

104.4470, 63.6880, -19.8640

Protanomaly

104.8580, 49.1090, -25.4750

Tritanomaly

110.2920, 46.0320, 2.7680

Monochromacy



Original Color

104.4470, 63.6880, -19.8640

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

104.4630, 23.2010, -7.4790

CSS Examples

Text

The CSS property to change the color of the text to YIQ 104.4470, 63.6880, -19.8640 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(153, 100, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 100, 0)  
}
```

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(153, 100, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 100, 0) }
```

Border

The CSS property to change the border of an element to YIQ 104.4470, 63.6880, -19.8640 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(153, 100, 0) }
```

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

```
.border{ border-color:rgb(153, 100, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 100, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 100, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 100, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 100,  
0) }
```


Background

The CSS property to change the background color of an element to YIQ 104.4470, 63.6880, -19.8640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 100, 0) }
```

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

```
.background{ background-color: rgb(153,  
100, 0) }
```

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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