

Converting Colors

YIQ(96.7130, 51.8560, -3.6640)

Have a look what the booklet for
YIQ(96.7130, 51.8560, -3.6640)
contains.

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Color

**YIQ(96.7130, 51.8560,
-3.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	905521
RGB	144, 85, 33
RGB Percent	56%, 33%, 13%
CMY	0.4352, 0.6667, 0.8703
CMYK	0.00, 0.41, 0.77, 0.44
HSL	28°, 63%, 35%
HSV	28°, 77%, 56%
XYZ	15.0283, 12.5350, 3.0709
YIQ	96.7130, 51.8560, -3.6640

Conversions

Conversions Part 2

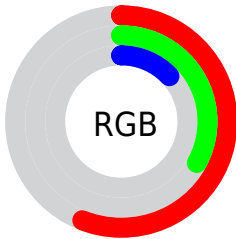
Format	Color
R_{YB}	144, 131, 33
Decimal	9458977
CIE _{Lab}	42.05, 20.14, 39.21
CIE _{LCh}	42, 44.083, 62.818
Yxy	12.5350, 0.4906, 0.4092
Android (android.graphics.Color)	4287649057 (0xFF905521)
YUV	96.7130, -31.4105, 41.4707
Hunter-Lab	35.4048, 13.8098, 19.6408

Details

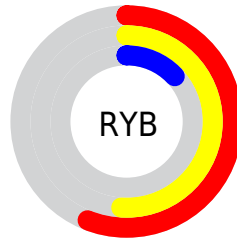
The YIQ color **96.7130, 51.8560, -3.6640** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **80.2870, -51.8560, 3.6640**, and the grayscale version is **97.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8770, 57.2660, -2.5900**, and **49.5040, 42.3190, -1.5290** is the 20% darker color. If you saturate the color by 10%, you get **90.4210, 58.5500, -3.8340**, and if you desaturate by 10%, it is **103.0050, 45.1620, -3.4940**.

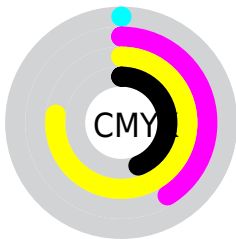
Distribution



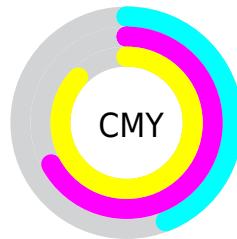
- Red (56%)
- Green (33%)
- Blue (13%)



- Red (56%)
- Yellow (51%)
- Blue (13%)



- Cyan (0%)
- Magenta (41%)
- Yellow (77%)
- Black (44%)



- Cyan (44%)
- Magenta (67%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 96.7130, 51.8560, -3.6640 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 96.7130, 51.8560, -3.6640 by changing the saturation by 10% instead.

■ 96.7130, 51.8560,
-3.6640

■ 96.7130, 51.8560,
-3.6640

■ 255.0000, -0.0000,
-0.0000

■ 71.4030, 49.7930,
-4.8230

■ 148.8770, 57.2660,
-2.5900

■ 49.5040, 42.3190,
-1.5290

■ 175.9590, 59.9710,
-2.0530

■ 29.1040, 32.0020,
3.7300

■ 201.5350, 58.2290,
-3.5230

■ 11.3620, 22.6480,
8.0560

■ 221.0490, 41.8620,
-9.7700

■ 0.0000, 0.0000,
0.0000

■ 241.1500, 25.2200,
-16.5400

■ 250.2120, 13.4820,

-13.0620

■ 253.5180, 4.1730,
-4.0430

■ 96.7130, 51.8560,
-3.6640

■ 96.7130, 51.8560,
-3.6640

■ 90.4210, 58.5500,
-3.8340

■ 103.0050, 45.1620,
-3.4940

■ 84.6020, 65.2900,
-4.8380

■ 108.8240, 38.4220,
-2.4900

■ 82.3850, 67.3990,
-4.5130

■ 115.1160, 31.7280,
-2.3200

■ 121.5220, 24.7130,
-1.8390

■ 127.2270, 18.2940,
-1.1460

■ 133.5190, 11.6000,
-0.9760

■ 139.9250, 4.5850,
-0.4950

■ 145.6300, -1.8340,
0.1980

■ 152.0360, -8.8490,
0.6790

Harmonies

Analogous

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



97.1830, 57.1250, 16.4930



96.7130, 51.8560, -3.6640



94.5500, 35.5370, -21.7990

Triad

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



96.7130, 51.8560, -3.6640



80.3070, -64.9170, -29.4690



101.4050, -13.3010, 26.3070

Complementary

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



96.7130, 51.8560, -3.6640



80.2870, -51.8560, 3.6640

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.



79.7810, -82.6660, 0.3580



96.7130, 51.8560, -3.6640



83.8240, -76.1980, -17.7500

Square

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



96.7130, 51.8560, -3.6640



78.1010, -44.1460, -36.9620



84.3260, -83.1230, -7.8830



101.6670, 24.2480, 34.1360

Rectangle

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



96.7130, 51.8560, -3.6640



92.3950, 16.7400, -28.0600



84.3260, -83.1230, -7.8830



98.6310, -28.7970, 20.7950

Sweetspot

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



96.7130, 51.8560, -3.6640



167.5970, 20.1280, -1.3440



72.9150, 47.2170, 41.8810



82.8180, 12.1960, -0.7640



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



96.7130, 51.8560, -3.6640



113.0890, 79.9160, -5.5880



128.9980, 36.7310, -32.4290



68.4410, 3.0720, -0.6080



77.3460, 63.1350, -4.3290



4.7400, 3.6680, -0.3960

Inverse Universe

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



80.2870, -51.8560, 3.6640



87.9110, -79.9160, 5.5880



48.0020, -36.7310, 32.4290



67.1460, -3.3470, 0.0850



57.6540, -63.1350, 4.3290



3.2600, -3.6680, 0.3960

Previews

White Background



This preview shows how the YIQ color 96.7130, 51.8560, -3.6640 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 96.7130, 51.8560, -3.6640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

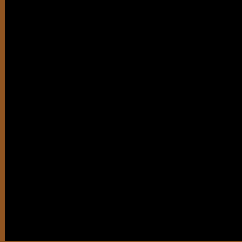
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 96.7130, 51.8560, -3.6640

Background



This preview shows how black text looks on a background with the YIQ color 96.7130, 51.8560, -3.6640.



This preview shows how white text looks on a background with the YIQ color 96.7130, 51.8560,

-3.6640.

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

96.7130, 51.8560, -3.6640

Protanopia

96.1070, 26.7790, -17.2610

Deuteranopia

96.5600, 38.7450, -13.8550



Tritanopia

100.6030, 38.3270, 15.7590

Trichromacy



Original Color

96.7130, 51.8560, -3.6640

Protanomaly

96.6460, 35.6270, -12.4130

Deuteranomaly

96.4190, 43.6960, -9.9680

Tritanomaly

99.3120, 43.2800, 8.5920

Monochromacy



Original Color

96.7130, 51.8560, -3.6640

Achromatopsia

97.0000, -0.0000, 0.0000

Achromatomaly

97.1130, 18.6150, -1.4570

CSS Examples

Text

The CSS property to change the color of the text to YIQ 96.7130, 51.8560, -3.6640 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(144, 85, 33)` looks like.

```
.text, #text, p{  
    color:rgb(144, 85, 33)  
}
```

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(144, 85, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 85, 33) }
```

Border

The CSS property to change the border of an element to YIQ 96.7130, 51.8560, -3.6640 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(144, 85, 33) }
```


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

```
.border{ border-color:rgb(144, 85, 33) }
```

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

Here you see how a box with a 4 pixel rgb(144, 85, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 85, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 85, 33);  
box-shadow:4px 4px 4px 4px rgb(144, 85,  
33) }
```

Background

The CSS property to change the background color of an element to YIQ 96.7130, 51.8560, -3.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 85, 33) }
```

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

```
.background{ background-color: rgb(144, 85,  
33) }
```

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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