

Converting Colors

YIQ(101.2580, 25.0360,
-13.2040)

Have a look what the booklet for
YIQ(101.2580, 25.0360, -13.2040)
contains.

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Color

**YIQ(101.2580, 25.0360,
-13.2040)**

Conversions

Conversions Part 1

Format	Color
Hex	756733
RGB	117, 103, 51
RGB Percent	46%, 40%, 20%
CMY	0.5412, 0.5961, 0.7999
CMYK	0.00, 0.12, 0.56, 0.54
HSL	47°, 39%, 33%
HSV	47°, 56%, 46%
XYZ	12.7841, 13.7206, 5.1106
YIQ	101.2580, 25.0360, -13.2040

Conversions

Conversions Part 2

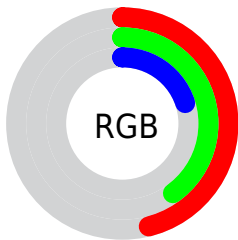
Format	Color
RYB	69, 117, 51
Decimal	7694131
CIELab	43.83, -1.70, 31.01
CIELCh	44, 31.057, 93.146
Yxy	13.7206, 0.4044, 0.4340
Android (android.graphics.Color)	4285884211 (0xFF756733)
YUV	101.2580, -24.7772, 13.8057
Hunter-Lab	37.0413, -3.2161, 17.7486

Details

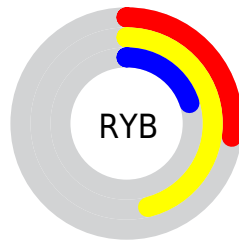
The YIQ color **101.2580, 25.0360, -13.2040** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **66.7420, -25.0360, 13.2040**, and the grayscale version is **101.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **152.8130, 27.7870, -13.5010**, and **53.0620, 22.6520, -14.0520** is the 20% darker color. If you saturate the color by 10%, you get **98.7160, 29.4380, -15.8900**, and if you desaturate by 10%, it is **103.8000, 20.6340, -10.5180**.

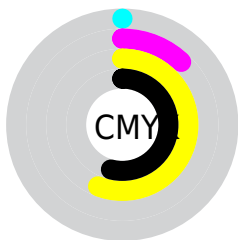
Distribution



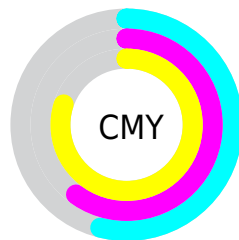
- Red (46%)
- Green (40%)
- Blue (20%)



- Red (27%)
- Yellow (46%)
- Blue (20%)



- Cyan (0%)
- Magenta (12%)
- Yellow (56%)
- Black (54%)



- Cyan (54%)
- Magenta (60%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 101.2580, 25.0360, -13.2040 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 101.2580, 25.0360, -13.2040 by changing the saturation by 10% instead.

101.2580, 25.0360,
-13.2040

101.2580, 25.0360,
-13.2040

255.0000, -0.0000,
-0.0000

76.7740, 23.5230,
-13.3170

152.8130, 27.7870,
-13.5010

53.0620, 22.6520,
-14.0520

179.8840, 29.0250,
-13.9110

33.4020, 16.0030,
-9.1890

207.1830, 29.6210,
-13.6990

13.0020, 5.6860,
-3.9300

235.0690, 29.9420,
-14.0100

0.0000, 0.0000,
0.0000

249.3000, 16.0500,
-15.5500

252.6060, 6.7410,

-6.5310

■ 101.2580, 25.0360,
-13.2040

■ 101.2580, 25.0360,
-13.2040

■ 98.7160, 29.4380,
-15.8900

■ 103.8000, 20.6340,
-10.5180

■ 95.7010, 33.7940,
-17.7420

■ 106.8150, 16.2780,
-8.6660

■ 93.1590, 38.1960,
-20.4280

■ 109.3570, 11.8760,
-5.9800

■ 90.0300, 42.8730,
-22.5910

■ 112.4860, 7.1990,
-3.8170

■ 88.9870, 44.4320,
-23.3120

■ 115.0280, 2.7970,
-1.1310

■ 118.0430, -1.5590,
0.7210

■ 120.5850, -5.9610,
3.4070

■ 123.7140,
-10.6380, 5.5700

■ 126.1420,
-14.7190, 7.9450

Harmonies

Analogous

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



103.0520, 37.7800, -1.8680



101.2580, 25.0360, -13.2040



98.2060, 4.4510, -20.1010

Triad

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



101.2580, 25.0360, -13.2040



83.0260, -73.9510, -19.9270



106.8090, 17.5560, 23.2520

Complementary

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



101.2580, 25.0360, -13.2040



66.7420, -25.0360, 13.2040

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.



106.0000, -8.0270, 18.8290



101.2580, 25.0360, -13.2040



82.7300, -78.6290, -12.2370

Square

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



101.2580, 25.0360, -13.2040



80.7630, -66.2010, -28.2250



99.3380, -38.6980, 7.4940



105.7970, 35.0250, 20.5370

Rectangle

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



101.2580, 25.0360, -13.2040



95.7570, -13.3380, -22.6020



99.3380, -38.6980, 7.4940



106.5030, 9.6700, 22.9980

Sweetspot

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



101.2580, 25.0360, -13.2040



146.5140, 9.9960, -4.9480



72.3300, 34.8420, 18.3460



72.8280, 6.2360, -2.8840



204.0000, -0.0000, -0.0000



77.0000, -0.0000, -0.0000

Same Dimension

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



101.2580, 25.0360, -13.2040



128.2300, 39.4340, -20.8380



103.7950, 9.8620, -24.5540



57.1420, 2.4760, -0.8200



92.8300, 46.3120, -24.3440



190.3890, 94.8250, -50.0310

Inverse Universe

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



66.7420, -25.0360, 13.2040



73.7700, -39.4340, 20.8380



64.2050, -9.8620, 24.5540



54.2710, -2.2010, 1.3430



29.1700, -46.3120, 24.3440



59.6110, -94.8250, 50.0310

Previews

White Background



This preview shows how the YIQ color 101.2580, 25.0360, -13.2040 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 101.2580, 25.0360, -13.2040 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 101.2580, 25.0360, -13.2040

Background



This preview shows how black text looks on a background with the YIQ color 101.2580, 25.0360, -13.2040.



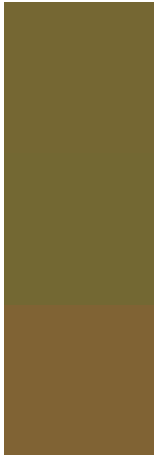
This preview shows how white text looks on a background with the YIQ color 101.2580, 25.0360,

-13.2040.

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

101.2580, 25.0360, -13.2040

Protanopia

101.2470, 23.5690, -14.1510

Deuteranopia

102.3130, 32.3710, -8.4690



Tritanopia

105.3870, 12.3320, 7.7880

Trichromacy



Original Color

101.2580, 25.0360, -13.2040

Protanomaly

101.5460, 24.1650, -13.9390

Deuteranomaly

101.7040, 29.7120, -9.8400

Tritanomaly

103.6830, 17.0100, 0.0980

Monochromacy



Original Color

101.2580, 25.0360, -13.2040

Achromatopsia

101.0000, -0.0000, 0.0000

Achromatomaly

101.3290, 9.0790, -4.8490

CSS Examples

Text

The CSS property to change the color of the text to YIQ 101.2580, 25.0360, -13.2040 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(117, 103, 51)` looks like.

```
.text, #text, p{  
    color:rgb(117, 103, 51)  
}
```

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(117, 103, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 103, 51) }
```

Border

The CSS property to change the border of an element to YIQ 101.2580, 25.0360, -13.2040 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(117, 103, 51) }
```


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

```
.border{ border-color:rgb(117, 103, 51) }
```

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

Here you see how a box with a 4 pixel rgb(117, 103, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 103, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 103, 51);  
box-shadow:4px 4px 4px 4px rgb(117, 103,  
51) }
```

Background

The CSS property to change the background color of an element to YIQ 101.2580, 25.0360, -13.2040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 103, 51) }
```

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

```
.background{ background-color: rgb(117,  
103, 51) }
```

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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