

Converting Colors

YIQ(103.6230, 25.2660,
-17.3740)

Have a look what the booklet for
YIQ(103.6230, 25.2660, -17.3740)
contains.

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Color

**YIQ(103.6230, 25.2660,
-17.3740)**

Conversions

Conversions Part 1

Format	Color
Hex	756C2E
RGB	117, 108, 46
RGB Percent	46%, 42%, 18%
CMY	0.5412, 0.5765, 0.8195
CMYK	0.00, 0.08, 0.61, 0.54
HSL	52°, 44%, 32%
HSV	52°, 61%, 46%
XYZ	13.1916, 14.7035, 4.7315
YIQ	103.6230, 25.2660, -17.3740

Conversions

Conversions Part 2

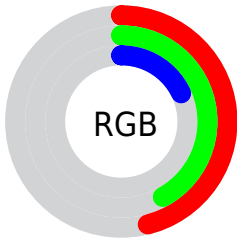
Format	Color
R_{YB}	56, 117, 46
Decimal	7695406
CIE Lab	45.23, -5.03, 35.25
CIE LCh	45, 35.604, 98.118
Yxy	14.7035, 0.4043, 0.4507
Android (android.graphics.Color)	4285885486 (0xFF756C2E)
YUV	103.6230, -28.4081, 11.7316
Hunter-Lab	38.3451, -5.6959, 19.5257

Details

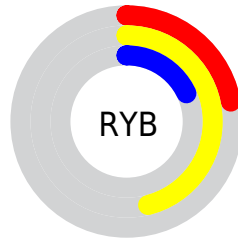
The YIQ color **103.6230, 25.2660, -17.3740** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **59.3770, -25.2660, 17.3740**, and the grayscale version is **104.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **155.1780, 28.0170, -17.6710**, and **55.5410, 22.5610, -17.9110** is the 20% darker color. If you saturate the color by 10%, you get **101.6680, 29.3930, -20.5830**, and if you desaturate by 10%, it is **105.5780, 21.1390, -14.1650**.

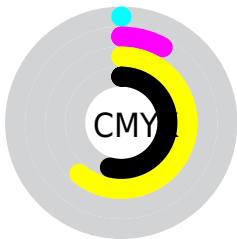
Distribution



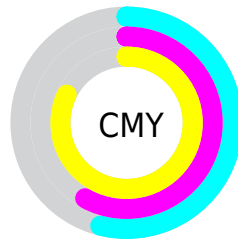
- Red (46%)
- Green (42%)
- Blue (18%)



- Red (22%)
- Yellow (46%)
- Blue (18%)



- Cyan (0%)
- Magenta (8%)
- Yellow (61%)
- Black (54%)



- Cyan (54%)
- Magenta (58%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 103.6230, 25.2660, -17.3740 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 103.6230, 25.2660, -17.3740 by changing the saturation by 10% instead.

■ 103.6230, 25.2660,
-17.3740

■ 103.6230, 25.2660,
-17.3740

■ 255.0000, -0.0000,
-0.0000

■ 79.0250, 24.0740,
-17.7980

■ 155.1780, 28.0170,
-17.6710

■ 55.5410, 22.5610,
-17.9110

■ 182.3630, 28.9340,
-17.7700

■ 35.4510, 14.3070,
-11.4930

■ 210.1350, 29.5760,
-18.3920

■ 15.6380, 3.7150,
-6.7570

■ 238.0210, 29.8970,
-18.7030

■ 0.0000, 0.0000,
0.0000

■ 248.7300, 17.6550,
-17.1050

■ 252.0360, 8.3460,

-8.0860

■ 103.6230, 25.2660,
-17.3740

■ 103.6230, 25.2660,
-17.3740

■ 101.6680, 29.3930,
-20.5830

■ 105.5780, 21.1390,
-14.1650

■ 99.2400, 33.4740,
-22.9580

■ 108.0060, 17.0580,
-11.7900

■ 97.2850, 37.6010,
-26.1670

■ 109.9610, 12.9310,
-8.5810

■ 94.8570, 41.6820,
-28.5420

■ 112.5030, 8.5290,
-5.8950

■ 114.4580, 4.4020,
-2.6860

■ 116.8860, 0.3210,
-0.3110

■ 118.8410, -3.8060,
2.8980

■ 121.3830, -8.2080,
5.5840

■ 123.2240,
-12.0140, 8.4820

Harmonies

Analogous

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



106.2110, 41.5860, -4.7660



103.6230, 25.2660, -17.3740



100.2330, -0.1790, -24.2990

Triad

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



103.6230, 25.2660, -17.3740



87.3290, -79.1780, -18.8100



110.1520, 24.0200, 27.2520

Complementary

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



103.6230, 25.2660, -17.3740



59.3770, -25.2660, 17.3740

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.



109.7880, -4.3140, 23.1260



103.6230, 25.2660, -17.3740



86.5600, -83.9020, -10.2860

Square

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



103.6230, 25.2660, -17.3740



84.6100, -70.1440, -28.3520



102.9620, -40.3950, 10.7170



108.2710, 42.4980, 22.7700

Rectangle

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



103.6230, 25.2660, -17.3740



95.9300, -21.3150, -26.7150



102.9620, -40.3950, 10.7170



110.5470, 15.5380, 26.7860

Sweetspot

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



103.6230, 25.2660, -17.3740



148.0470, 9.8130, -7.1390



68.3690, 39.1060, 18.1620



73.3010, 6.2820, -3.7180



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.



103.6230, 25.2660, -17.3740



132.0140, 39.8020, -27.5100



101.1320, 7.2950, -27.5930



57.7290, 2.2010, -1.3430



99.2870, 43.2870, -30.0970



202.7160, 89.0500, -61.0140

Inverse Universe

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



59.3770, -25.2660, 17.3740



61.9860, -39.8020, 27.5100



61.8680, -7.2950, 27.5930



54.2710, -2.2010, 1.3430



23.3000, -43.5620, 29.5740



47.2840, -89.0500, 61.0140

Previews

White Background



This preview shows how the YIQ color 103.6230, 25.2660, -17.3740 looks on a white background.

Color Contrast Check

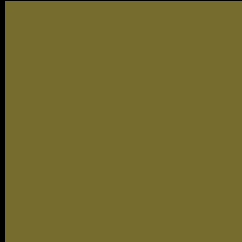
Large Text (above 18pt) WCAG AA ✓ Pass

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 103.6230, 25.2660, -17.3740 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

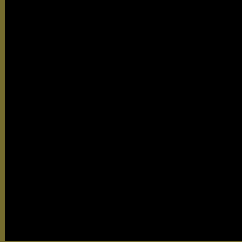
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 103.6230, 25.2660, -17.3740

Background



This preview shows how black text looks on a background with the YIQ color 103.6230, 25.2660, -17.3740.



This preview shows how white text looks on a background with the YIQ color 103.6230, 25.2660,

-17.3740.

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

103.6230, 25.2660, -17.3740

Protanopia

103.6340, 26.7330, -16.4270

Deuteranopia

105.1130, 35.8100, -10.2220



Tritanopia

108.4900, 10.5440, 7.1520

Trichromacy



Original Color

103.6230, 25.2660, -17.3740

Protanomaly

103.3350, 26.1370, -16.6390

Deuteranomaly

104.3790, 32.0050, -12.8510

Tritanomaly

107.0310, 15.9100, -1.9940

Monochromacy



Original Color

103.6230, 25.2660, -17.3740

Achromatopsia

104.0000, -0.0000, -0.0000

Achromatomaly

103.6880, 9.4460, -5.9940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 103.6230, 25.2660, -17.3740 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, 108, 46)` looks like.

```
.text, #text, p{  
    color:rgb(117, 108, 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(117, 108, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 108, 46) }
```

Border

The CSS property to change the border of an element to YIQ 103.6230, 25.2660, -17.3740 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, 108, 46) }
```


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

```
.border{ border-color:rgb(117, 108, 46) }
```

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

Here you see how a box with a 4 pixel rgb(117, 108, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 108, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 108, 46);  
box-shadow:4px 4px 4px 4px rgb(117, 108,  
46) }
```

Background

The CSS property to change the background color of an element to YIQ 103.6230, 25.2660, -17.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 108, 46) }
```

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

```
.background{ background-color: rgb(117,  
108, 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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