

Converting Colors

YIQ(106.5570, 25.6320,
-12.9920)

Have a look what the booklet for
YIQ(106.5570, 25.6320, -12.9920)
contains.

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Color

**YIQ(106.5570, 25.6320,
-12.9920)**

Conversions

Conversions Part 1	
Format	Color
Hex	7B6C38
RGB	123, 108, 56
RGB Percent	48%, 42%, 22%
CMY	0.5176, 0.5765, 0.7802
CMYK	0.00, 0.12, 0.54, 0.52
HSL	47°, 37%, 35%
HSV	47°, 54%, 48%
XYZ	14.2451, 15.2207, 5.9331
YIQ	106.5570, 25.6320, -12.9920

Conversions

Conversions Part 2

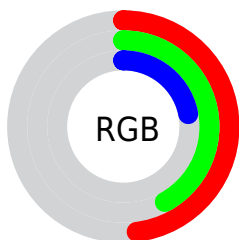
Format	Color
RYB	75, 123, 56
Decimal	8088632
CIELab	45.93, -1.37, 30.96
CIELCh	46, 30.991, 92.535
Yxy	15.2207, 0.4024, 0.4300
Android (android.graphics.Color)	4286278712 (0xFF7B6C38)
YUV	106.5570, -24.9246, 14.4205
Hunter-Lab	39.0137, -3.0981, 18.2929

Details

The YIQ color $106.5570, 25.6320, -12.9920$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $72.4430, -25.6320, 12.9920$, and the grayscale version is $107.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $158.1120, 28.3830, -13.2890$, and $58.4750, 22.9270, -13.5290$ is the 20% darker color. If you saturate the color by 10%, you get $103.4280, 30.3090, -15.1550$, and if you desaturate by 10%, it is $109.6860, 20.9550, -10.8290$.

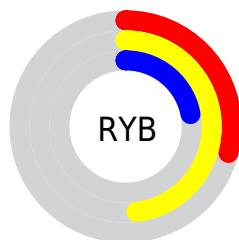
Distribution



Red (48%)

Green (42%)

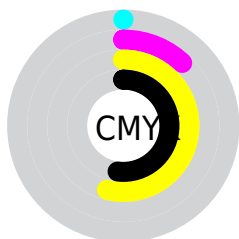
Blue (22%)



Red (29%)

Yellow (48%)

Blue (22%)

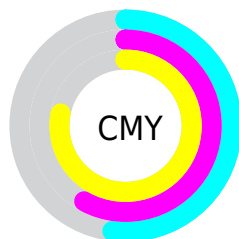


Cyan (0%)

Magenta (12%)

Yellow (54%)

Black (52%)



Cyan (52%)


Magenta (58%)

Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 106.5570, 25.6320, -12.9920 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 106.5570, 25.6320, -12.9920 by changing the saturation by 10% instead.


 106.5570, 25.6320,
-12.9920


 106.5570, 25.6320,
-12.9920

255.0000, -0.0000,
-0.0000


 82.0730, 24.1190,
-13.1050


 158.1120, 28.3830,
-13.2890


 58.4750, 22.9270,
-13.5290


 185.2970, 29.3000,
-13.3880


 37.5440, 18.4790,
-10.0090

 213.3680, 30.5380,
-13.7980

 18.3290, 9.0790,
-4.8490

 239.1610, 26.6870,
-15.5930

 0.0000, 0.0000,
0.0000

 249.9840, 14.1240,
-13.6840

 253.2900, 4.8150,

-4.6650

■ 106.5570, 25.6320,
-12.9920

■ 106.5570, 25.6320,
-12.9920

■ 103.4280, 30.3090,
-15.1550

■ 109.6860, 20.9550,
-10.8290

■ 100.1850, 35.3070,
-17.6290

■ 112.9290, 15.9570,
-8.3550

■ 97.6430, 39.7090,
-20.3150

■ 115.4710, 11.5550,
-5.6690

■ 94.5140, 44.3860,
-22.4780

■ 118.6000, 6.8780,
-3.5060

■ 92.5420, 47.1830,
-23.6090

■ 121.8430, 1.8800,
-1.0320

■ 124.9720, -2.7970,
1.1310

■ 127.5140, -7.1990,
3.8170

■ 130.6430,
-11.8760, 5.9800

■ 133.8860,
-16.8740, 8.4540

Harmonies

Analogous

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



108.3510, 38.3760, -1.6560



106.5570, 25.6320, -12.9920



103.5050, 5.0470, -19.8890

Triad

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



106.5570, 25.6320, -12.9920



87.1180, -77.2060, -21.5100



111.9230, 17.2350, 23.5630

Complementary

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



106.5570, 25.6320, -12.9920



72.4430, -25.6320, 12.9920

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.



110.8150, -8.9440, 18.9280



106.5570, 25.6320, -12.9920



86.8220, -81.8840, -13.8200

Square

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



106.5570, 25.6320, -12.9920



88.0410, -61.1120, -26.8400



104.9250, -38.9730, 6.9710



110.9110, 34.7040, 20.8480

Rectangle

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



106.5570, 25.6320, -12.9920



100.9420, -12.4210, -22.7010



104.9250, -38.9730, 6.9710



112.2040, 9.0740, 22.7860

Sweetspot

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



106.5570, 25.6320, -12.9920



154.5140, 9.9960, -4.9480



77.8570, 34.7960, 19.1800



77.8280, 6.2360, -2.8840



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



106.5570, 25.6320, -12.9920



134.9420, 40.3050, -20.1030



109.9800, 10.7790, -24.6530



59.7290, 2.2010, -1.3430



94.3140, 47.8250, -24.2310



190.4000, 96.2920, -49.0840

Inverse Universe

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



72.4430, -25.6320, 12.9920



82.0580, -40.3050, 20.1030



69.0200, -10.7790, 24.6530



56.2710, -2.2010, 1.3430



30.6860, -47.8250, 24.2310



62.1870, -96.5670, 48.5610

Previews

White Background



This preview shows how the YIQ color 106.5570, 25.6320, -12.9920 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 106.5570, 25.6320, -12.9920 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 106.5570, 25.6320, -12.9920

Background



This preview shows how black text looks on a background with the YIQ color 106.5570, 25.6320, -12.9920.



This preview shows how white text looks on a background with the YIQ color 106.5570, 25.6320,

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

106.5570, 25.6320, -12.9920

Protanopia

106.2470, 23.5690, -14.1510

Deuteranopia

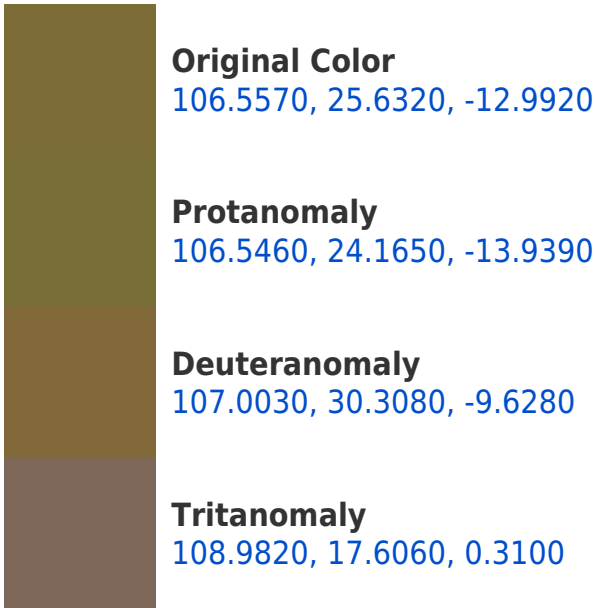
107.6120, 32.9670, -8.2570



Tritanopia

110.6860, 12.9280, 8.0000

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to YIQ 106.5570, 25.6320, -12.9920 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(123, 108, 56)` looks like.

```
.text, #text, p{  
    color:rgb(123, 108, 56)  
}
```

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(123, 108, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 108, 56) }
```

Border

The CSS property to change the border of an element to YIQ 106.5570, 25.6320, -12.9920 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(123, 108, 56) }
```


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

```
.border{ border-color:rgb(123, 108, 56) }
```

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

Here you see how a box with a 4 pixel rgb(123, 108, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 108, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 108, 56);  
box-shadow:4px 4px 4px 4px rgb(123, 108,  
56) }
```

Background

The CSS property to change the background color of an element to YIQ 106.5570, 25.6320, -12.9920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 108, 56) }
```

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

```
.background{ background-color: rgb(123,  
108, 56) }
```

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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