

Converting Colors

YIQ(113.7560, 33.1020, 5.8220)

Have a look what the booklet for
YIQ(113.7560, 33.1020, 5.8220)
contains.

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Color

**YIQ(113.7560, 33.1020,
5.8220)**

Conversions

Conversions Part 1

Format	Color
Hex	956557
RGB	149, 101, 87
RGB Percent	58%, 40%, 34%
CMY	0.4156, 0.6040, 0.6587
CMYK	0.00, 0.32, 0.42, 0.42
HSL	13°, 26%, 46%
HSV	13°, 42%, 58%
XYZ	18.7728, 16.3842, 11.1976
YIQ	113.7560, 33.1020, 5.8220

Conversions

Conversions Part 2

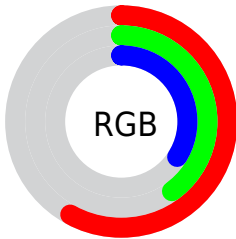
Format	Color
R_{YB}	149, 105, 87
Decimal	9790807
CIE _{Lab}	47.47, 17.59, 15.74
CIE _{LCh}	47, 23.599, 41.822
Yxy	16.3842, 0.4050, 0.3535
Android (android.graphics.Color)	4287980887 (0xFF956557)
YUV	113.7560, -13.1907, 30.9090
Hunter-Lab	40.4775, 11.9501, 11.9323

Details

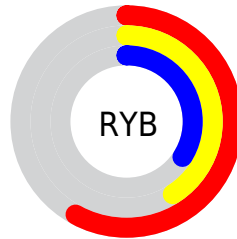
The YIQ color **113.7560, 33.1020, 5.8220** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **122.2440, -33.1020, -5.8220**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.1370, 36.4030, 6.5710**, and **65.1900, 28.8840, 5.1720** is the 20% darker color. If you saturate the color by 10%, you get **105.0020, 41.2170, 7.4330**, and if you desaturate by 10%, it is **122.5100, 24.9870, 4.2110**.

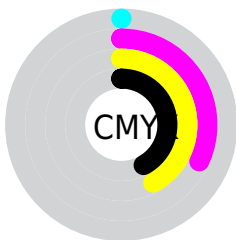
Distribution



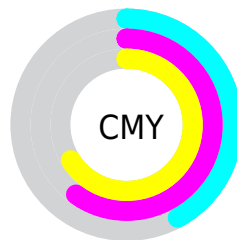
- Red (58%)
- Green (40%)
- Blue (34%)



- Red (58%)
- Yellow (41%)
- Blue (34%)



- Cyan (0%)
- Magenta (32%)
- Yellow (42%)
- Black (42%)



- Cyan (42%)
- Magenta (60%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.7560, 33.1020, 5.8220 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 113.7560, 33.1020, 5.8220 by changing the saturation by 10% instead.

■ 113.7560, 33.1020,
5.8220

■ 113.7560, 33.1020,
5.8220

■ 255.0000, -0.0000,
-0.0000

■ 88.9730, 30.9930,
5.4970

■ 166.1370, 36.4030,
6.5710

■ 65.1900, 28.8840,
5.1720

■ 193.6210, 37.9160,
6.6840

■ 42.4070, 26.7750,
4.8470

■ 219.4140, 34.0650,
4.8890

■ 19.9230, 25.2620,
4.7340

■ 239.0420, 17.3770,
-1.0470

■ 4.7840, 9.5360,
3.3920

■ 254.0880, 2.5680,
-2.4880

■ 0.0000, 0.0000,
0.0000

■ 113.7560, 33.1020,
5.8220

■ 113.7560, 33.1020,
5.8220

■ 105.0020, 41.2170,
7.4330

■ 122.5100, 24.9870,
4.2110

■ 96.8350, 49.0570,
8.5210

■ 130.6770, 17.1470,
3.1230

■ 88.0810, 57.1720,
10.1320

■ 139.4310, 9.0320,
1.5120

■ 79.9140, 65.0120,
11.2200

■ 147.5980, 1.1920,
0.4240

■ 71.2740, 72.8060,
13.1420

■ 156.3520, -6.9230,
-1.1870

■ 64.5090, 79.4540,
13.8060

■ 164.4050,
-14.4420, -2.5860

■ 173.1590,
-22.5570, -4.1970

■ 181.3260,

-30.3970, -5.2850

■ 190.0800,
-38.5120, -6.8960

Harmonies

Analogous

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



114.9440, 29.9370, 13.6250



113.7560, 33.1020, 5.8220



112.3220, 28.1520, -3.5920

Triad

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



113.7560, 33.1020, 5.8220



105.4280, -22.4170, -17.7530



112.2600, -20.8630, 9.1610

Complementary

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



113.7560, 33.1020, 5.8220



122.2440, -33.1020, -5.8220

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.



106.6980, -40.0720, -0.6480



113.7560, 33.1020, 5.8220



102.0160, -41.6280, -16.5080

Square

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



113.7560, 33.1020, 5.8220



107.9050, -1.8310, -16.3830



101.3990, -49.8360, -10.9240



115.1980, 0.0430, 15.7470

Rectangle

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



113.7560, 33.1020, 5.8220



111.4410, 20.2670, -9.3730



101.3990, -49.8360, -10.9240



110.5580, -27.6940, 6.3060

Sweetspot

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



113.7560, 33.1020, 5.8220



180.8120, 12.3330, 2.2610



111.1240, 21.2230, 28.3830



88.9470, 7.5190, 1.3990



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



113.7560, 33.1020, 5.8220



138.9170, 51.7620, 9.0580



131.3660, 24.8520, -9.8680



69.6800, 3.8970, 0.9610



59.4590, 73.7230, 13.0430



4.1640, 5.4100, 1.0740

Inverse Universe

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



122.2440, -33.1020, -5.8220



152.0830, -51.7620, -9.0580



104.6340, -24.8520, 9.8680



70.7330, -3.6220, -0.4380



78.5410, -73.7230, -13.0430



5.8360, -5.4100, -1.0740

Previews

White Background



This preview shows how the YIQ color 113.7560, 33.1020, 5.8220 looks on a white background.

Color Contrast Check

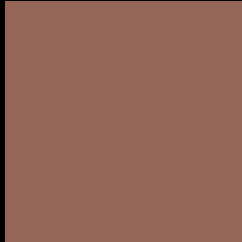
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.7560, 33.1020, 5.8220 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 113.7560, 33.1020, 5.8220

Background



This preview shows how black text looks on a background with the YIQ color 113.7560, 33.1020, 5.8220.



This preview shows how white text looks on a background with the YIQ color 113.7560, 33.1020,

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

113.7560, 33.1020, 5.8220

Protanopia

112.8130, 10.5920, -4.7360

Deuteranopia

112.9670, 21.9620, -1.5420



Tritanopia

114.7590, 29.0200, 13.7240

Trichromacy



Original Color

113.7560, 33.1020, 5.8220

Protanomaly

113.5260, 18.8900, -0.9340

Deuteranomaly

113.0000, 26.3630, 1.2990

Tritanomaly

114.2490, 30.3960, 10.8120

Monochromacy



Original Color

113.7560, 33.1020, 5.8220

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.8120, 12.3330, 2.2610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.7560, 33.1020, 5.8220 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(149, 101, 87)` looks like.

```
.text, #text, p{  
    color:rgb(149, 101, 87)  
}
```

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(149, 101, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 101, 87) }
```

Border

The CSS property to change the border of an element to YIQ 113.7560, 33.1020, 5.8220 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(149, 101, 87) }
```


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

```
.border{ border-color:rgb(149, 101, 87) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 101, 87)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 101, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 101, 87);  
box-shadow:4px 4px 4px 4px rgb(149, 101,  
87) }
```

Background

The CSS property to change the background color of an element to YIQ 113.7560, 33.1020, 5.8220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 101, 87) }
```

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

```
.background{ background-color: rgb(149,  
101, 87) }
```

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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