

Converting Colors

YIQ(116.6410, 35.1640, 12.5080)

Have a look what the booklet for
YIQ(116.6410, 35.1640, 12.5080)
contains.

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Color

**YIQ(116.6410, 35.1640,
12.5080)**

Conversions

Conversions Part 1

Format	Color
Hex	9E6363
RGB	158, 99, 99
RGB Percent	62%, 39%, 39%
CMY	0.3803, 0.6118, 0.6116
CMYK	0.00, 0.37, 0.37, 0.38
HSL	360°, 23%, 50%
HSV	360°, 37%, 62%
XYZ	20.8209, 17.0932, 14.0152
YIQ	116.6410, 35.1640, 12.5080

Conversions

Conversions Part 2

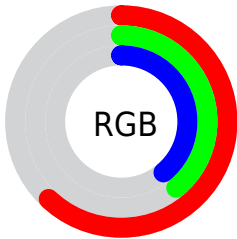
Format	Color
R_{YB}	158, 99, 99
Decimal	10380131
CIE _{Lab}	48.38, 23.92, 10.01
CIE _{LCh}	48, 25.933, 22.714
Yxy	17.0932, 0.4009, 0.3292
Android (android.graphics.Color)	4288570211 (0xFF9E6363)
YUV	116.6410, -8.6970, 36.2718
Hunter-Lab	41.3440, 17.5410, 8.8420

Details

The YIQ color **116.6410, 35.1640, 12.5080** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **140.3590, -35.1640, -12.5080**, and the grayscale version is **117.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1360, 38.1440, 13.5680**, and **67.0750, 30.9460, 11.8580** is the 20% darker color. If you saturate the color by 10%, you get **105.4250, 44.7000, 15.9000**, and if you desaturate by 10%, it is **127.8570, 25.6280, 9.1160**.

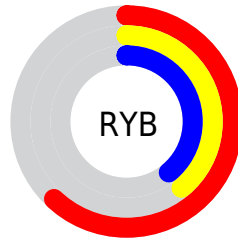
Distribution



Red (62%)

Green (39%)

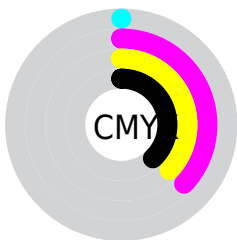
Blue (39%)



Red (62%)

Yellow (39%)

Blue (39%)

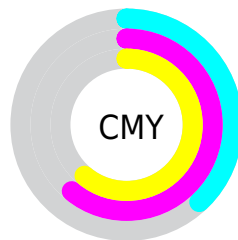


Cyan (0%)

Magenta (37%)

Yellow (37%)

Black (38%)



Cyan (38%)

Magenta (61%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 116.6410, 35.1640, 12.5080 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 116.6410, 35.1640, 12.5080 by changing the saturation by 10% instead.

■ 116.6410, 35.1640,
12.5080

■ 116.6410, 35.1640,
12.5080

■ 255.0000, -0.0000,
-0.0000

■ 91.7440, 33.3760,
11.8720

■ 169.1360, 38.1440,
13.5680

■ 67.0750, 30.9460,
11.8580

■ 196.6200, 39.6570,
13.6810

■ 43.5910, 29.4330,
11.7450

■ 219.8360, 30.1210,
10.2890

■ 20.5800, 27.9660,
10.7980

■ 239.4640, 13.4330,
4.3530

■ 9.3830, 18.1550,
6.8830

■ 0.0000, 0.0000,
0.0000

■ 116.6410, 35.1640,
12.5080

■ 116.6410, 35.1640,
12.5080

■ 105.4250, 44.7000,
15.9000

■ 127.8570, 25.6280,
9.1160

■ 94.2090, 54.2360,
19.2920

■ 139.0730, 16.0920,
5.7240

■ 83.6940, 63.1760,
22.4720

■ 149.5880, 7.1520,
2.5440

■ 72.4780, 72.7120,
25.8640

■ 160.8040, -2.3840,
-0.8480

■ 61.2620, 82.2480,
29.2560

■ 172.0200,
-11.9200, -4.2400

■ 50.0460, 91.7840,
32.6480


■ 183.2360,
-21.4560, -7.6320

■ 47.2420, 94.1680,
33.4960

■ 194.4520,
-30.9920, -11.0240

■ 204.9670,

-39.9320, -14.2040

 216.1830,
-49.4680, -17.5960

Harmonies

Analogous

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



117.9530, 25.7180, 18.5020



116.6410, 35.1640, 12.5080



115.4310, 35.3950, 2.8110

Triad

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



116.6410, 35.1640, 12.5080



108.8330, -10.4960, -19.0400



110.5890, -38.1470, 3.0130

Complementary

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



116.6410, 35.1640, 12.5080



140.3590, -35.1640, -12.5080

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.



102.6310, -56.3010, -9.3970



116.6410, 35.1640, 12.5080



104.3280, -33.8790, -19.2790

Square

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



116.6410, 35.1640, 12.5080



112.0760, 10.8690, -15.2670



100.5460, -54.9240, -17.8360



115.7170, -14.7200, 13.4720

Rectangle

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



116.6410, 35.1640, 12.5080



114.4640, 30.6280, -4.4120



100.5460, -54.9240, -17.8360



107.9470, -45.2070, -1.1990

Sweetspot

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



116.6410, 35.1640, 12.5080



190.8770, 13.7080, 4.8760



123.0680, 15.6290, 30.6450



95.1860, 8.3440, 2.9680



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



116.6410, 35.1640, 12.5080



141.8070, 55.4280, 19.7160



133.6640, 27.1890, -2.6590



73.3920, 4.7680, 1.6960



42.7570, 85.2280, 30.3160



4.4850, 8.9400, 3.1800

Inverse Universe

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



116.6410, 35.1640, 12.5080



141.8070, 55.4280, 19.7160



123.3360, -27.1890, 2.6590



73.3920, 4.7680, 1.6960



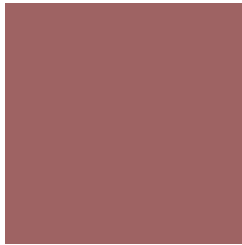
42.7570, 85.2280, 30.3160



4.4850, 8.9400, 3.1800

Previews

White Background



This preview shows how the YIQ color 116.6410, 35.1640, 12.5080 looks on a white background.

Color Contrast Check

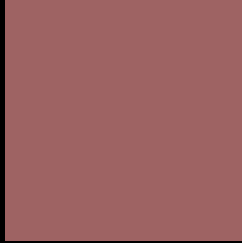
Large Text (above 18pt) WCAG AA ✓ Pass

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 116.6410, 35.1640, 12.5080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

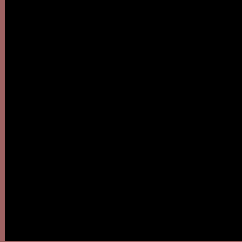
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 116.6410, 35.1640, 12.5080

Background



This preview shows how black text looks on a background with the YIQ color 116.6410, 35.1640, 12.5080.



This preview shows how white text looks on a background with the YIQ color 116.6410, 35.1640,

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

116.6410, 35.1640, 12.5080

Protanopia

115.2840, 4.9520, -1.6400

Deuteranopia

115.9820, 17.6060, 0.3100



Tritanopia

117.0370, 34.1090, 15.1090

Trichromacy



Original Color

116.6410, 35.1640, 12.5080

Protanomaly

115.6060, 15.9090, 3.5330

Deuteranomaly

116.4390, 23.7490, 4.6210

Tritanomaly

116.8090, 34.7510, 14.4870

Monochromacy



Original Color

116.6410, 35.1640, 12.5080

Achromatopsia

117.0000, -0.0000, 0.0000

Achromatomaly

116.5780, 13.1120, 4.6640

CSS Examples

Text

The CSS property to change the color of the text to YIQ 116.6410, 35.1640, 12.5080 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(158, 99, 99)` looks like.

```
.text, #text, p{  
    color:rgb(158, 99, 99)  
}
```

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(158, 99, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 99, 99) }
```

Border

The CSS property to change the border of an element to YIQ 116.6410, 35.1640, 12.5080 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(158, 99, 99) }
```


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

```
.border{ border-color:rgb(158, 99, 99) }
```

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

Here you see how a box with a 4 pixel rgb(158, 99, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 99, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 99, 99);  
box-shadow:4px 4px 4px 4px rgb(158, 99,  
99) }
```

Background

The CSS property to change the background color of an element to YIQ 116.6410, 35.1640, 12.5080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 99, 99) }
```

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

```
.background{ background-color: rgb(158, 99,  
99) }
```

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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