

Converting Colors

YIQ(113.3660, 25.9930, 19.0250)

Have a look what the booklet for
YIQ(113.3660, 25.9930, 19.0250)
contains.

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Color

**YIQ(113.3660, 25.9930,
19.0250)**

Conversions

Conversions Part 1

Format	Color
Hex	965E75
RGB	150, 94, 117
RGB Percent	59%, 37%, 46%
CMY	0.4116, 0.6314, 0.5411
CMYK	0.00, 0.37, 0.22, 0.41
HSL	335°, 23%, 48%
HSV	335°, 37%, 59%
XYZ	19.7974, 15.7737, 18.8375
YIQ	113.3660, 25.9930, 19.0250

Conversions

Conversions Part 2

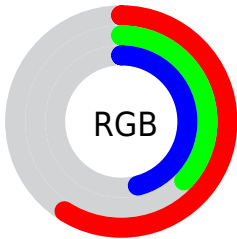
Format	Color
R_{YB}	150, 94, 117
Decimal	9854581
CIE Lab	46.68, 26.23, -3.38
CIE LCh	47, 26.448, 352.657
Yxy	15.7737, 0.3639, 0.2899
Android (android.graphics.Color)	4288044661 (0xFF965E75)
YUV	113.3660, 1.7916, 32.1280
Hunter-Lab	39.7161, 19.4741, -0.3202

Details

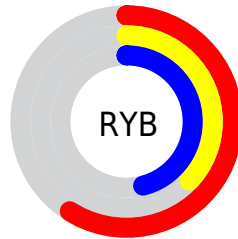
The YIQ color **113.3660, 25.9930, 19.0250** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **130.6340, -25.9930, -19.0250**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.6760, 28.0560, 20.1840**, and **64.1700, 23.6090, 18.1770** is the 20% darker color. If you saturate the color by 10%, you get **103.5350, 33.0070, 24.0710**, and if you desaturate by 10%, it is **123.1970, 18.9790, 13.9790**.

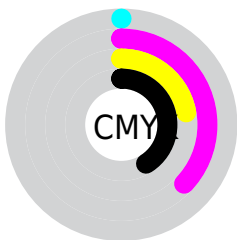
Distribution



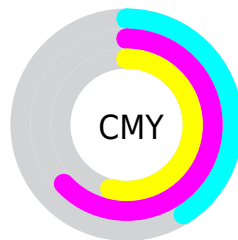
- Red (59%)
- Green (37%)
- Blue (46%)



- Red (59%)
- Yellow (37%)
- Blue (46%)



- Cyan (0%)
- Magenta (37%)
- Yellow (22%)
- Black (41%)



- Cyan (41%)
- Magenta (63%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.3660, 25.9930, 19.0250 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 113.3660, 25.9930, 19.0250 by changing the saturation by 10% instead.

■ 113.3660, 25.9930,
19.0250

■ 113.3660, 25.9930,
19.0250

■ 255.0000, -0.0000,
-0.0000

■ 88.3550, 24.5260,
18.0780

■ 165.6760, 28.0560,
20.1840

■ 64.1700, 23.6090,
18.1770

■ 193.2740, 29.2480,
20.6080

■ 40.6860, 22.0960,
18.0640

■ 219.1810, 25.0760,
19.1240

■ 18.2020, 20.5830,
17.9510

■ 238.9230, 8.0670,
13.4990

■ 7.2900, 13.9830,
5.3990

■ 0.0000, 0.0000,
0.0000

■ 113.3660, 25.9930,
19.0250

■ 113.3660, 25.9930,
19.0250

■ 103.5350, 33.0070,
24.0710

■ 123.1970, 18.9790,
13.9790

■ 93.7040, 40.0210,
29.1170

■ 133.0280, 11.9650,
8.9330

■ 83.9870, 46.7140,
34.4740

■ 142.8590, 4.9510,
3.8870

■ 74.1560, 53.7280,
39.5200

■ 152.5760, -1.7420,
-1.4700

■ 64.3250, 60.7420,
44.5660

■ 162.4070, -8.7560,
-6.5160

■ 54.4940, 67.7560,
49.6120


■ 172.2380,
-15.7700, -11.5620

■ 51.9180, 69.4980,
51.0820

■ 182.0690,
-22.7840, -16.6080

■ 191.9000,

-29.7980, -21.6540

 201.7310,
-36.8120, -26.7000

Harmonies

Analogous

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



113.6120, 7.7450, 19.3370



113.3660, 25.9930, 19.0250



112.0540, 35.4390, 13.0310

Triad

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



113.3660, 25.9930, 19.0250



107.0760, 10.8690, -15.2670



97.1360, -59.2810, -10.4570

Complementary

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



113.3660, 25.9930, 19.0250



130.6340, -25.9930, -19.0250

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.



94.1650, -58.2250, -18.5850



113.3660, 25.9930, 19.0250



104.7190, -10.1750, -19.3510

Square

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



113.3660, 25.9930, 19.0250



109.3170, 26.5480, -7.5640



99.6160, -34.7500, -20.0140



105.4040, -39.0640, 3.1120

Rectangle

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



113.3660, 25.9930, 19.0250



111.7240, 36.1280, 6.0480



99.6160, -34.7500, -20.0140



94.7610, -62.7190, -14.2310

Sweetspot

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



113.3660, 25.9930, 19.0250



179.6040, 10.2230, 7.4630



110.2510, 1.6920, 24.4120



88.4570, 6.1430, 4.3110



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.



113.3660, 25.9930, 19.0250



137.0030, 40.6170, 29.3290



113.6790, 32.0010, 9.2570



69.4350, 3.2090, 2.4170



47.7600, 63.9510, 46.9830



3.4460, 4.6760, 3.3640

Inverse Universe

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



113.3660, 25.9930, 19.0250



137.0030, 40.6170, 29.3290



130.3210, -32.0010, -9.2570



69.4350, 3.2090, 2.4170



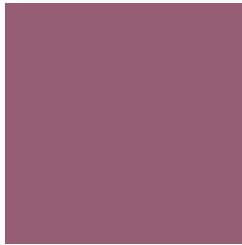
47.7600, 63.9510, 46.9830



3.4460, 4.6760, 3.3640

Previews

White Background



This preview shows how the YIQ color 113.3660, 25.9930, 19.0250 looks on a white background.

Color Contrast Check

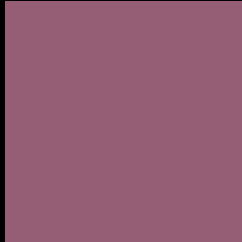
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.3660, 25.9930, 19.0250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

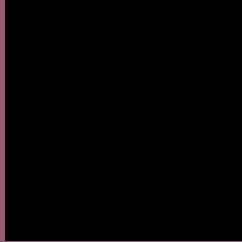
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.3660, 25.9930, 19.0250

Background



This preview shows how black text looks on a background with the YIQ color 113.3660, 25.9930, 19.0250.



This preview shows how white text looks on a background with the YIQ color 113.3660, 25.9930,

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

113.3660, 25.9930, 19.0250

Protanopia

111.3400, -6.6490, 4.8630

Deuteranopia

112.3860, 4.9050, 4.7210



Tritanopia

112.7590, 29.0200, 13.7240

Trichromacy



Original Color

113.3660, 25.9930, 19.0250

Protanomaly

111.8470, 5.2250, 9.9370

Deuteranomaly

112.8540, 12.5150, 9.9790

Tritanomaly

112.7420, 27.6900, 15.8020

Monochromacy



Original Color

113.3660, 25.9930, 19.0250

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.8920, 9.3520, 6.7280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.3660, 25.9930, 19.0250 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(150, 94, 117)` looks like.

```
.text, #text, p{  
    color:rgb(150, 94, 117)  
}
```

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(150, 94, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 94, 117) }
```

Border

The CSS property to change the border of an element to YIQ 113.3660, 25.9930, 19.0250 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(150, 94, 117) }
```


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

```
.border{ border-color:rgb(150, 94, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 94, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 94, 117); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 94, 117); box-shadow:4px 4px 4px 4px rgb(150, 94, 117) }
```

Background

The CSS property to change the background color of an element to YIQ 113.3660, 25.9930, 19.0250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 94, 117) }
```

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

```
.background{ background-color: rgb(150, 94,  
117) }
```

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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