

Converting Colors

YIQ(115.7910, 25.9940, 13.4980)

Have a look what the booklet for
YIQ(115.7910, 25.9940, 13.4980)
contains.

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Color

**YIQ(115.7910, 25.9940,
13.4980)**

Conversions

Conversions Part 1

Format	Color
Hex	95646E
RGB	149, 100, 110
RGB Percent	58%, 39%, 43%
CMY	0.4156, 0.6079, 0.5685
CMYK	0.00, 0.33, 0.26, 0.42
HSL	348°, 20%, 49%
HSV	348°, 33%, 58%
XYZ	19.7711, 16.6292, 16.9265
YIQ	115.7910, 25.9940, 13.4980

Conversions

Conversions Part 2

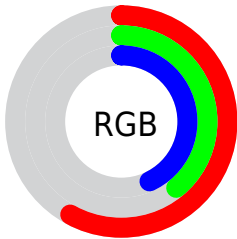
Format	Color
R_{YB}	149, 100, 110
Decimal	9790574
CIE _{Lab}	47.79, 21.30, 2.44
CIE _{LCh}	48, 21.442, 6.542
Yxy	16.6292, 0.3708, 0.3118
Android (android.graphics.Color)	4287980654 (0xFF95646E)
YUV	115.7910, -2.8550, 29.1243
Hunter-Lab	40.7789, 15.1802, 3.9352

Details

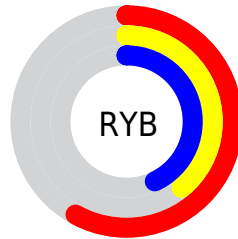
The YIQ color **115.7910, 25.9940, 13.4980** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **133.2090, -25.9940, -13.4980**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.9870, 28.3780, 14.3460**, and **66.7090, 23.2890, 12.9610** is the 20% darker color. If you saturate the color by 10%, you get **105.6180, 33.9710, 17.6110**, and if you desaturate by 10%, it is **125.9640, 18.0170, 9.3850**.

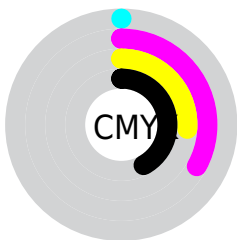
Distribution



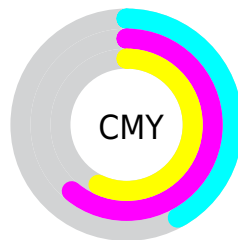
- Red (58%)
- Green (39%)
- Blue (43%)



- Red (58%)
- Yellow (39%)
- Blue (43%)



- Cyan (0%)
- Magenta (33%)
- Yellow (26%)
- Black (42%)



- Cyan (42%)
- Magenta (61%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.7910, 25.9940, 13.4980 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 115.7910, 25.9940, 13.4980 by changing the saturation by 10% instead.

■ 115.7910, 25.9940,
13.4980

■ 115.7910, 25.9940,
13.4980

■ 255.0000, -0.0000,
-0.0000

■ 91.1930, 24.8020,
13.0740

■ 168.1010, 28.0570,
14.6570

■ 66.7090, 23.2890,
12.9610

■ 195.6990, 29.2490,
15.0810

■ 43.8120, 21.5010,
12.3250

■ 221.7910, 25.9940,
13.4980

■ 21.3280, 19.9880,
12.2120

■ 241.5330, 8.9850,
7.8730

■ 7.2900, 13.9830,
5.3990

■ 0.0000, 0.0000,
0.0000

■ 115.7910, 25.9940,
13.4980

■ 115.7910, 25.9940,
13.4980

■ 105.6180, 33.9710,
17.6110

■ 125.9640, 18.0170,
9.3850

■ 95.4450, 41.9480,
21.7240

■ 136.1370, 10.0400,
5.2720

■ 85.2720, 49.9250,
25.8370

■ 146.3100, 2.0630,
1.1590

■ 75.2130, 57.5810,
30.2610

■ 156.3690, -5.5930,
-3.2650

■ 65.0400, 65.5580,
34.3740

■ 165.9550,
-13.2950, -6.8550

■ 55.4540, 73.2600,
37.9640


■ 176.1280,
-21.2720, -10.9680

■ 48.0850, 78.8530,
41.2290

■ 186.3010,
-29.2490, -15.0810

■ 196.4740,

-37.2260, -19.1940

 206.6470,
-45.2030, -23.3070

Harmonies

Analogous

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



116.3260, 14.3020, 16.1420



115.7910, 25.9940, 13.4980



114.7280, 30.3050, 6.9530

Triad

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



115.7910, 25.9940, 13.4980



110.2260, 1.6990, -14.2770



107.7260, -37.2750, -1.7790

Complementary

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



115.7910, 25.9940, 13.4980



133.2090, -25.9940, -13.4980

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.



103.9330, -42.5920, -10.0480



115.7910, 25.9940, 13.4980



107.3040, -16.1360, -15.9440

Square

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



115.7910, 25.9940, 13.4980



112.1740, 16.6450, -9.8110



104.3760, -33.8340, -14.5860



112.6080, -21.9630, 7.0690

Rectangle

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



115.7910, 25.9940, 13.4980



113.6690, 28.7930, 1.3130



104.3760, -33.8340, -14.5860



106.4650, -41.0340, -5.2420

Sweetspot

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



115.7910, 25.9940, 13.4980



180.4360, 10.6360, 5.4840



116.9480, 6.9190, 23.2950



88.9300, 6.1890, 3.4770



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.



115.7910, 25.9940, 13.4980



142.5480, 40.1600, 21.0880



122.8690, 25.3540, 3.0660



69.2070, 3.8510, 1.7950



44.4540, 73.2600, 37.9640



3.2180, 5.3180, 2.7420

Inverse Universe

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



115.7910, 25.9940, 13.4980



142.5480, 40.1600, 21.0880



126.1310, -25.3540, -3.0660



69.2070, 3.8510, 1.7950



44.4540, 73.2600, 37.9640



3.2180, 5.3180, 2.7420

Previews

White Background



This preview shows how the YIQ color 115.7910, 25.9940, 13.4980 looks on a white background.

Color Contrast Check

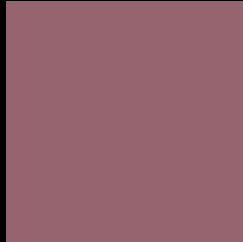
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.7910, 25.9940, 13.4980 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

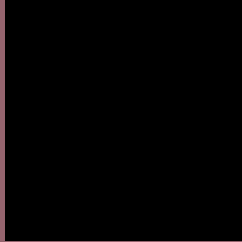
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 115.7910, 25.9940, 13.4980

Background



This preview shows how black text looks on a background with the YIQ color 115.7910, 25.9940, 13.4980.



This preview shows how white text looks on a background with the YIQ color 115.7910, 25.9940,

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

115.7910, 25.9940, 13.4980

Protanopia

114.1680, -0.4130, 1.9790

Deuteranopia

114.8550, 10.7740, 2.9820



Tritanopia

115.5630, 26.6360, 12.8760

Trichromacy



Original Color

115.7910, 25.9940, 13.4980

Protanomaly

114.4790, 9.0770, 6.2050

Deuteranomaly

115.0130, 16.3210, 7.0810

Tritanomaly

115.6770, 26.3150, 13.1870

Monochromacy



Original Color

115.7910, 25.9940, 13.4980

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

115.8380, 9.4440, 5.0600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.7910, 25.9940, 13.4980 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, 100, 110)` looks like.

```
.text, #text, p{  
    color:rgb(149, 100, 110)  
}
```

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, 100, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 100, 110) }
```

Border

The CSS property to change the border of an element to YIQ 115.7910, 25.9940, 13.4980 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, 100, 110) }
```


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

```
.border{ border-color:rgb(149, 100, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 100, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 100, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 100, 110);  
box-shadow:4px 4px 4px 4px rgb(149, 100,  
110) }
```

Background

The CSS property to change the background color of an element to YIQ 115.7910, 25.9940, 13.4980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 100, 110) }
```

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

```
.background{ background-color: rgb(149,  
100, 110) }
```

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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