

Converting Colors

YIQ(98.8150, 8.2510, 10.1630)

Have a look what the booklet for
YIQ(98.8150, 8.2510, 10.1630)
contains.

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Color

**YIQ(98.8150, 8.2510,
10.1630)**

Conversions

Conversions Part 1

Format	Color
Hex	715A6B
RGB	113, 90, 107
RGB Percent	44%, 35%, 42%
CMY	0.5568, 0.6471, 0.5804
CMYK	0.00, 0.20, 0.05, 0.56
HSL	316°, 11%, 40%
HSV	316°, 20%, 44%
XYZ	13.1217, 11.8842, 15.5136
YIQ	98.8150, 8.2510, 10.1630

Conversions

Conversions Part 2

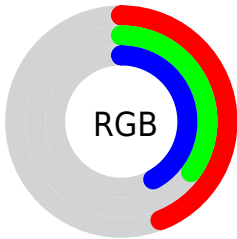
Format	Color
R_{YB}	113, 90, 107
Decimal	7428715
CIE Lab	41.03, 12.59, -6.13
CIE LCh	41, 14.004, 334.044
Yxy	11.8842, 0.3238, 0.2933
Android (android.graphics.Color)	4285618795 (0xFF715A6B)
YUV	98.8150, 4.0352, 12.4402
Hunter-Lab	34.4734, 7.6142, -2.5500

Details

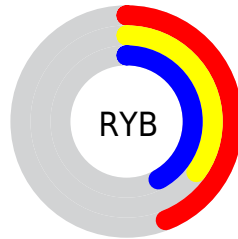
The YIQ color **98.8150, 8.2510, 10.1630** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **104.1850, -8.2510, -10.1630**, and the grayscale version is **99.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **149.5270, 9.1220, 10.8980**, and **52.1030, 7.3800, 9.4280** is the 20% darker color. If you saturate the color by 10%, you get **92.0160, 12.2390, 14.9830**, and if you desaturate by 10%, it is **105.6140, 4.2630, 5.3430**.

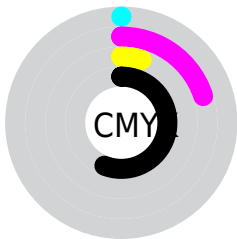
Distribution



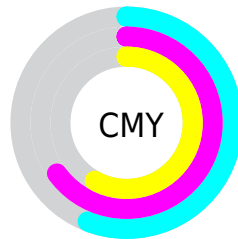
- Red (44%)
- Green (35%)
- Blue (42%)



- Red (44%)
- Yellow (35%)
- Blue (42%)



- Cyan (0%)
- Magenta (20%)
- Yellow (5%)
- Black (56%)



- Cyan (56%)
- Magenta (65%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.8150, 8.2510, 10.1630 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 98.8150, 8.2510, 10.1630 by changing the saturation by 10% instead.

■ 98.8150, 8.2510,
10.1630

■ 98.8150, 8.2510,
10.1630

■ 255.0000, -0.0000,
-0.0000

■ 74.5160, 7.6550,
9.9510

■ 149.5270, 9.1220,
10.8980

■ 52.1030, 7.3800,
9.4280

■ 176.5270, 9.1220,
10.8980

■ 30.3910, 6.5090,
8.6930

■ 203.9400, 9.3970,
11.4210

■ 9.2280, 8.5260,
10.6860

■ 232.2390, 9.9930,
11.6330

■ 0.0000, 0.0000,
0.0000

■ 252.0650, 1.3750,
2.6150

■ 98.8150, 8.2510,
10.1630

■ 98.8150, 8.2510,
10.1630

■ 92.0160, 12.2390,
14.9830

■ 105.6140, 4.2630,
5.3430

■ 84.6300, 16.5020,
20.3260

■ 113.0000, -0.0000,
0.0000

■ 77.8310, 20.4900,
25.1460

■ 119.7990, -3.9880,
-4.8200

■ 71.0320, 24.4780,
29.9660

■ 126.5980, -7.9760,
-9.6400

■ 63.6460, 28.7410,
35.3090

■ 133.9840,
-12.2390, -14.9830

■ 56.8470, 32.7290,
40.1290

■ 140.7830,
-16.2270, -19.8030

■ 50.0480, 36.7170,
44.9490


■ 147.5820,
-20.2150, -24.6230

■ 43.3630, 40.3840,

■ 154.3810,

50.0800

-24.2030, -29.4430

 161.7670,
-28.4660, -34.7860

Harmonies

Analogous

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



98.0140, -2.6150, 8.8490



98.8150, 8.2510, 10.1630



99.0670, 16.2290, 8.7490

Triad

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



98.8150, 8.2510, 10.1630



95.8840, 11.8300, -5.1460



92.3220, -24.5740, -6.1900

Complementary

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



98.8150, 8.2510, 10.1630



104.1850, -8.2510, -10.1630

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.



91.9650, -19.2550, -8.9750



98.8150, 8.2510, 10.1630



94.8010, 1.6980, -8.7500

Square

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



98.8150, 8.2510, 10.1630



97.3410, 17.9730, -0.8350



93.0000, -9.1680, -10.0640



94.1530, -22.4200, -1.1720

Rectangle

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



98.8150, 8.2510, 10.1630



98.4540, 19.3930, 6.4730



93.0000, -9.1680, -10.0640



91.9800, -23.6110, -7.1230

Sweetspot

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



98.8150, 8.2510, 10.1630



142.4890, 3.1170, 4.0850



94.4160, -3.8070, 8.4250



70.9510, 1.6960, 2.3040



201.0000, -0.0000, 0.0000



74.0000, -0.0000, 0.0000

Same Dimension

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



98.8150, 8.2510, 10.1630



125.8420, 12.7890, 16.0290



97.5610, 11.7820, 6.7420



52.3640, 1.9710, 2.8270



46.0260, 42.9510, 53.1190



94.7150, 88.4690, 109.2770

Inverse Universe

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



98.8150, 8.2510, 10.1630



125.8420, 12.7890, 16.0290



105.4390, -11.7820, -6.7420



52.3640, 1.9710, 2.8270



46.0260, 42.9510, 53.1190



94.7150, 88.4690, 109.2770

Previews

White Background



This preview shows how the YIQ color 98.8150, 8.2510, 10.1630 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 98.8150, 8.2510, 10.1630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

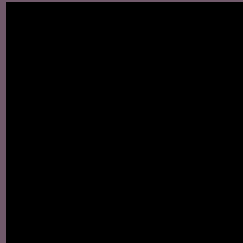
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.8150, 8.2510, 10.1630

Background



This preview shows how black text looks on a background with the YIQ color 98.8150, 8.2510, 10.1630.



This preview shows how white text looks on a background with the YIQ color 98.8150, 8.2510,

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

98.8150, 8.2510, 10.1630

Protanopia

97.1120, -6.0070, 4.2410

Deuteranopia

97.7600, 0.9160, 5.4280



Tritanopia

98.1910, 9.9480, 6.9400

Trichromacy



Original Color

98.8150, 8.2510, 10.1630

Protanomaly

97.9170, -0.9640, 6.4600

Deuteranomaly

98.3690, 3.5750, 6.7990

Tritanomaly

98.5330, 8.9850, 7.8730

Monochromacy



Original Color

98.8150, 8.2510, 10.1630

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

99.0760, 2.8420, 3.5620

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.8150, 8.2510, 10.1630 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(113, 90, 107)` looks like.

```
.text, #text, p{  
    color:rgb(113, 90, 107)  
}
```

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(113, 90, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 90, 107) }
```

Border

The CSS property to change the border of an element to YIQ 98.8150, 8.2510, 10.1630 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(113, 90, 107) }
```


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

```
.border{ border-color:rgb(113, 90, 107) }
```

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

Here you see how a box with a 4 pixel rgb(113, 90, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 90, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 90, 107);  
box-shadow:4px 4px 4px 4px rgb(113, 90,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 98.8150, 8.2510, 10.1630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 90, 107) }
```

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

```
.background{ background-color: rgb(113, 90,  
107) }
```

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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