

Converting Colors

YIQ(98.6140, -12.9320, 14.1080)

Have a look what the booklet for
YIQ(98.6140, -12.9320, 14.1080)
contains.

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Color

**YIQ(98.6140, -12.9320,
14.1080)**

Conversions

Conversions Part 1

Format	Color
Hex	5F5D89
RGB	95, 93, 137
RGB Percent	37%, 36%, 54%
CMY	0.6274, 0.6353, 0.4628
CMYK	0.31, 0.32, 0.00, 0.46
HSL	243°, 19%, 45%
HSV	243°, 32%, 54%
XYZ	13.1482, 12.0674, 25.2950
YIQ	98.6140, -12.9320, 14.1080

Conversions

Conversions Part 2

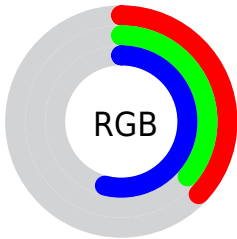
Format	Color
R_{YB}	95, 93, 137
Decimal	6249865
CIE _{Lab}	41.32, 11.51, -24.12
CIE _{LCh}	41, 26.720, 295.512
Yxy	12.0674, 0.2603, 0.2389
Android (android.graphics.Color)	4284439945 (0xFF5F5D89)
YUV	98.6140, 18.9243, -3.1695
Hunter-Lab	34.7382, 6.7696, -18.8559

Details

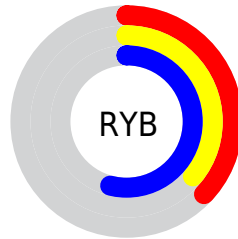
The YIQ color $98.6140, -12.9320, 14.1080$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $131.3860, 12.9320, -14.1080$, and the grayscale version is $98.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $149.6680, -13.0240, 15.7760$, and $51.5600, -12.8400, 12.4400$ is the 20% darker color. If you saturate the color by 10%, you get $86.5090, -16.8300, 18.6740$, and if you desaturate by 10%, it is $110.7190, -9.0340, 9.5420$.

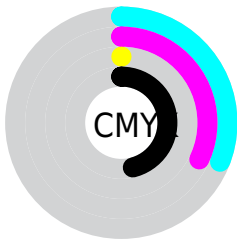
Distribution



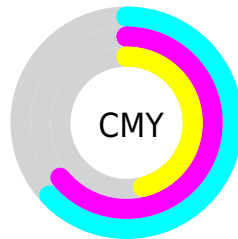
- Red (37%)
- Green (36%)
- Blue (54%)



- Red (37%)
- Yellow (36%)
- Blue (54%)



- Cyan (31%)
- Magenta (32%)
- Yellow (0%)
- Black (46%)



- Cyan (63%)
- Magenta (64%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 98.6140, -12.9320, 14.1080 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 98.6140, -12.9320, 14.1080 by changing the saturation by 10% instead.

■ 98.6140, -12.9320,
14.1080

■ 98.6140, -12.9320,
14.1080

■ 255.0000, -0.0000,
-0.0000

■ 74.0870, -12.8860,
13.2740

■ 149.6680,
-13.0240, 15.7760

■ 51.5600, -12.8400,
12.4400

■ 176.6680,
-13.0240, 15.7760

■ 29.3210, -13.6650,
10.8710

■ 203.8960,
-13.6660, 16.3980

■ 5.2720, -11.9690,
13.1750

■ 229.9150, -6.6500,
10.3900

■ 2.8670, -6.6950,
5.6970

■ 254.4130, 0.2750,
0.5230

■ 0.0000, 0.0000,
0.0000

■ 98.6140, -12.9320,
14.1080

■ 98.6140, -12.9320,
14.1080

■ 86.5090, -16.8300,
18.6740

■ 110.7190, -9.0340,
9.5420

■ 74.9910, -21.0030,
22.7170

■ 122.2370, -4.8610,
5.4990

■ 62.8860, -24.9010,
27.2830

■ 134.3420, -0.9630,
0.9330

■ 50.7810, -28.7990,
31.8490

■ 146.4470, 2.9350,
-3.6330

■ 39.2630, -32.9720,
35.8920

■ 157.9650, 7.1080,
-7.6760

■ 27.1580, -36.8700,
40.4580

■ 170.0700, 11.0060,
-12.2420

■ 17.4120, -40.4010,
43.8790

■ 182.4740, 15.5000,
-16.5960

■ 194.5790, 19.3980,

-21.1620

■ 206.0970, 23.5710,
-25.2050

Harmonies

Analogous

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



92.7030, -38.4680, 3.3240



98.6140, -12.9320, 14.1080



100.3950, 9.8540, 19.6620

Triad

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



98.6140, -12.9320, 14.1080



97.3060, 34.2490, 1.5530



85.0500, -38.9680, -20.6640

Complementary

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



98.6140, -12.9320, 14.1080



131.3860, 12.9320, -14.1080

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.



91.0500, -12.6050, -19.3650



98.6140, -12.9320, 14.1080



96.1920, 25.4020, -8.8220

Square

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



98.6140, -12.9320, 14.1080



98.5270, 35.4850, 12.1970



94.1790, 9.0810, -15.9030



77.2070, -67.2110, -20.9310

Rectangle

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



98.6140, -12.9320, 14.1080



99.7400, 22.0040, 19.7320



94.1790, 9.0810, -15.9030



87.2530, -29.2940, -19.7740

Sweetspot

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



98.6140, -12.9320, 14.1080



163.0520, -5.7780, 5.5980



123.2570, -25.9490, -8.8050



80.1400, -3.2100, 3.1100



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



98.6140, -12.9320, 14.1080



117.8770, -20.6820, 22.4060



104.8930, -0.4160, 18.5600



62.7980, -2.2470, 2.1770



16.9560, -39.1170, 42.6350



0.5700, -1.6050, 1.5550

Inverse Universe

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



110.9440, 12.7420, 22.3900



137.4540, 20.5340, 35.3660



125.1070, 0.4160, -18.5600



64.8910, 1.9250, 3.6610



54.2450, 38.5010, 67.6930



2.0650, 1.3750, 2.6150

Previews

White Background



This preview shows how the YIQ color 98.6140, -12.9320, 14.1080 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 98.6140, -12.9320, 14.1080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

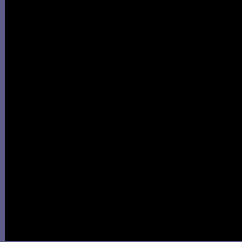
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 98.6140, -12.9320, 14.1080

Background



This preview shows how black text looks on a background with the YIQ color 98.6140, -12.9320, 14.1080.

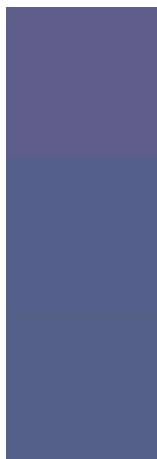


This preview shows how white text looks on a background with the YIQ color 98.6140, -12.9320,

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

98.6140, -12.9320, 14.1080

Protanopia

97.3140, -20.9550, 10.8290

Deuteranopia

96.9720, -19.9920, 9.8960



Tritanopia

96.9220, -8.5280, 0.3680

Trichromacy



Original Color

98.6140, -12.9320, 14.1080

Protanomaly

97.8090, -17.9750, 11.8890

Deuteranomaly

97.5810, -17.3330, 11.2670

Tritanomaly

97.6000, -10.3170, 5.2590

Monochromacy



Original Color

98.6140, -12.9320, 14.1080

Achromatopsia

99.0000, -0.0000, 0.0000

Achromatomaly

99.1230, -4.5400, 5.1880

CSS Examples

Text

The CSS property to change the color of the text to YIQ 98.6140, -12.9320, 14.1080 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(95, 93, 137)` looks like.

```
.text, #text, p{  
    color:rgb(95, 93, 137)  
}
```

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(95, 93, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 93, 137) }
```

Border

The CSS property to change the border of an element to YIQ 98.6140, -12.9320, 14.1080 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(95, 93, 137) }
```


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

```
.border{ border-color:rgb(95, 93, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 93, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 93, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 93, 137);  
box-shadow:4px 4px 4px 4px rgb(95, 93,  
137) }
```

Background

The CSS property to change the background color of an element to YIQ 98.6140, -12.9320, 14.1080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 93, 137) }
```

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

```
.background{ background-color: rgb(95, 93,  
137) }
```

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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