

Converting Colors

YIQ(137.1410, -3.8100, 25.0060)

Have a look what the booklet for
YIQ(137.1410, -3.8100, 25.0060)
contains.

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Color

**YIQ(137.1410, -3.8100,
25.0060)**

Conversions

Conversions Part 1

Format	Color
Hex	957AB8
RGB	149, 122, 184
RGB Percent	58%, 48%, 72%
CMY	0.4156, 0.5216, 0.2785
CMYK	0.19, 0.34, 0.00, 0.28
HSL	266°, 30%, 60%
HSV	266°, 34%, 72%
XYZ	28.0074, 23.7684, 48.4502
YIQ	137.1410, -3.8100, 25.0060

Conversions

Conversions Part 2

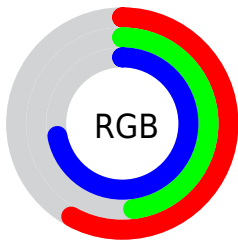
Format	Color
R _Y B	149, 122, 184
Decimal	9796280
CIE Lab	55.86, 23.00, -28.80
CIE LCh	56, 36.859, 308.612
Yxy	23.7684, 0.2794, 0.2371
Android (android.graphics.Color)	4287986360 (0xFF957AB8)
YUV	137.1410, 23.1015, 10.4003
Hunter-Lab	48.7528, 17.2269, -24.7950

Details

The YIQ color $137.1410, -3.8100, 25.0060$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $168.8590, 3.8100, -25.0060$, and the grayscale version is $137.0000, -0.0000, 0.0000$.

A 20% lighter version of the original color is $191.0810, -3.5810, 26.3630$, and $86.7880, -4.3140, 23.1260$ is the 20% darker color. If you saturate the color by 10%, you get $123.5850, -4.8200, 32.3000$, and if you desaturate by 10%, it is $150.6970, -2.8000, 17.7120$.

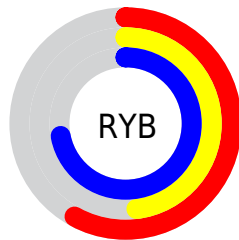
Distribution



Red (58%)

Green (48%)

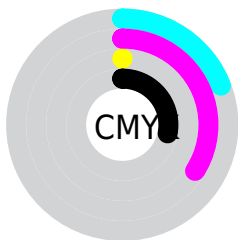
Blue (72%)



Red (58%)

Yellow (48%)

Blue (72%)

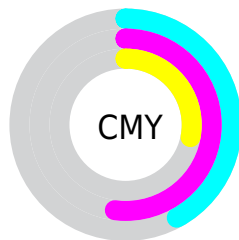


Cyan (19%)

Magenta (34%)

Yellow (0%)

Black (28%)



Cyan (42%)

Magenta (52%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 137.1410, -3.8100, 25.0060 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 137.1410, -3.8100, 25.0060 by changing the saturation by 10% instead.

■ 137.1410, -3.8100,
25.0060

■ 137.1410, -3.8100,
25.0060

■ 255.0000, -0.0000,
-0.0000

■ 111.6140, -3.7640,
24.1720

■ 191.0810, -3.5810,
26.3630

■ 86.7880, -4.3140,
23.1260

■ 217.0120, 0.8670,
22.8430

■ 62.8480, -4.5430,
21.7690

■ 240.3250, 6.8750,
13.0750

■ 40.0220, -5.0930,
20.7230

■ 17.6090, -5.3680,
20.2000

■ 4.1040, -11.5560,
11.1960

■ 1.2540, -3.5310,

3.4210

0.0000, 0.0000,
0.0000

137.1410, -3.8100,
25.0060

137.1410, -3.8100,
25.0060

123.5850, -4.8200,
32.3000

150.6970, -2.8000,
17.7120

109.1430, -6.1510,
39.9050

165.1390, -1.4690,
10.1070

95.5870, -7.1610,
47.1990

178.6950, -0.4590,
2.8130

81.4440, -7.8960,
55.0160

193.1370, 0.8720,
-4.7920

67.5890, -9.5020,
62.0980

206.6930, 1.8820,
-12.0860

■ 54.0330, -10.5120,
69.3920

■ 220.2490, 2.8920,
-19.3800

■ 44.8960, -11.3840,
74.1840

■ 234.6910, 4.2230,
-26.9850

■ 240.0290, 9.0830,
-26.9570

■ 243.0190, 15.0430,
-24.8370

Harmonies

Analogous

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



131.0160, -40.4870, 12.3850



137.1410, -3.8100, 25.0060



137.2880, 26.6330, 29.4570

Triad

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



137.1410, -3.8100, 25.0060



132.9510, 45.2540, -5.1620



104.8250, -87.1070, -34.8110

Complementary

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



137.1410, -3.8100, 25.0060



168.8590, 3.8100, -25.0060

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.



120.2210, -35.4360, -29.6120



137.1410, -3.8100, 25.0060



130.4660, 27.1460, -18.4060

Square

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



137.1410, -3.8100, 25.0060



134.2700, 52.2660, 10.9380



126.7660, -0.3620, -26.4900



107.1850, -96.5080, -24.1240

Rectangle

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



137.1410, -3.8100, 25.0060



136.4220, 40.7550, 26.8270



126.7660, -0.3620, -26.4900



110.1600, -68.9970, -32.6210

Sweetspot

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



137.1410, -3.8100, 25.0060



221.7260, -1.7440, 9.5840



149.6130, -29.5270, 0.9770



108.8030, -0.6430, 6.1490



247.0000, -0.0000, -0.0000



120.0000, -0.0000, -0.0000

Same Dimension

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



137.1410, -3.8100, 25.0060



167.5020, -5.7840, 38.7600



146.4100, 14.6660, 31.5780



85.2220, -0.5050, 3.6470



38.1160, -9.5480, 62.9320



6.7800, -1.8360, 11.2520

Inverse Universe

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



144.5280, 25.7170, 24.0290



178.8600, 39.8820, 37.1460



159.5900, -14.6660, -31.5780



86.2610, 3.7590, 3.4630



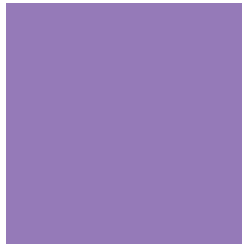
56.6760, 64.7280, 60.4400



10.1960, 11.5520, 10.9120

Previews

White Background



This preview shows how the YIQ color 137.1410, -3.8100, 25.0060 looks on a white 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

Black Background



This preview shows how the YIQ color 137.1410, -3.8100, 25.0060 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

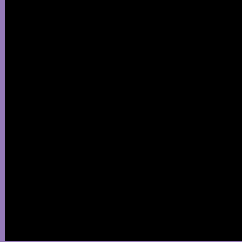
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 137.1410, -3.8100, 25.0060

Background



This preview shows how black text looks on a background with the YIQ color 137.1410, -3.8100, 25.0060.



This preview shows how white text looks on a background with the YIQ color 137.1410, -3.8100,

25.0060.

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

137.1410, -3.8100, 25.0060

Protanopia

133.7570, -29.3920, 15.0560

Deuteranopia

134.1120, -23.2020, 13.0060



Tritanopia

135.4290, 3.3460, 5.4420

Trichromacy



Original Color

137.1410, -3.8100, 25.0060

Protanomaly

134.6550, -20.1770, 18.7590

Deuteranomaly

135.1670, -15.8670, 17.7410

Tritanomaly

136.3890, 0.8230, 12.6230

Monochromacy



Original Color

137.1410, -3.8100, 25.0060

Achromatopsia

137.0000, -0.0000, 0.0000

Achromatomaly

137.1990, -1.6980, 8.7500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 137.1410, -3.8100, 25.0060 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, 122, 184)` looks like.

```
.text, #text, p{  
    color:rgb(149, 122, 184)  
}
```

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, 122, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 122, 184) }
```

Border

The CSS property to change the border of an element to YIQ 137.1410, -3.8100, 25.0060 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, 122, 184) }
```


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

```
.border{ border-color:rgb(149, 122, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 122, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 122, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 122, 184);  
box-shadow:4px 4px 4px 4px rgb(149, 122,  
184) }
```

Background

The CSS property to change the background color of an element to YIQ 137.1410, -3.8100, 25.0060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 122, 184) }
```

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

```
.background{ background-color: rgb(149,  
122, 184) }
```

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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