

Converting Colors

YIQ(132.7860, -0.8320, 37.1200)

Have a look what the booklet for
YIQ(132.7860, -0.8320, 37.1200)
contains.

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Color

**YIQ(132.7860, -0.8320,
37.1200)**

Conversions

Conversions Part 1

Format	Color
Hex	9B6DC5
RGB	155, 109, 197
RGB Percent	61%, 43%, 77%
CMY	0.3920, 0.5726, 0.2275
CMYK	0.21, 0.45, 0.00, 0.23
HSL	271°, 43%, 60%
HSV	271°, 45%, 77%
XYZ	29.0682, 21.9363, 55.5144
YIQ	132.7860, -0.8320, 37.1200

Conversions

Conversions Part 2

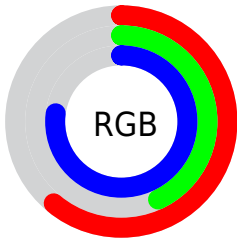
Format	Color
RYB	155, 109, 197
Decimal	10186181
CIELab	53.96, 35.32, -39.16
CIElCh	54, 52.734, 312.052
Yxy	21.9363, 0.2729, 0.2059
Android (android.graphics.Color)	4288376261 (0xFF9B6DC5)
YUV	132.7860, 31.6575, 19.4817
Hunter-Lab	46.8362, 28.8199, -37.4905

Details

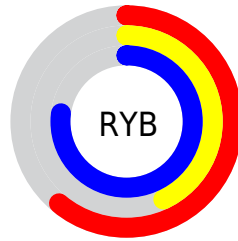
The YIQ color $132.7860, -0.8320, 37.1200$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $173.2140, 0.8320, -37.1200$, and the grayscale version is $132.0000, -0.0000, -0.0000$.

A 20% lighter version of the original color is $186.5520, -0.0530, 39.5230$, and $82.0200, -1.6110, 34.7170$ is the 20% darker color. If you saturate the color by 10%, you get $118.3550, -0.6960, 45.6720$, and if you desaturate by 10%, it is $147.2170, -0.9680, 28.5680$.

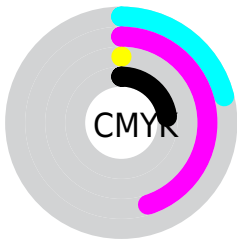
Distribution



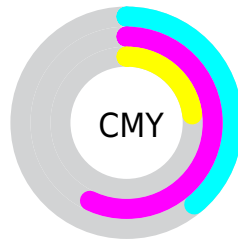
- Red (61%)
- Green (43%)
- Blue (77%)



- Red (61%)
- Yellow (43%)
- Blue (77%)



- Cyan (21%)
- Magenta (45%)
- Yellow (0%)
- Black (23%)



- Cyan (39%)
- Magenta (57%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 132.7860, -0.8320, 37.1200 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 132.7860, -0.8320, 37.1200 by changing the saturation by 10% instead.

■ 132.7860, -0.8320,
37.1200

■ 132.7860, -0.8320,
37.1200

■ 255.0000, -0.0000,
-0.0000

■ 106.8460, -1.0610,
35.7630

■ 186.5520, -0.0530,
39.5230

■ 82.0200, -1.6110,
34.7170

■ 211.7730, 9.2100,
31.3380

■ 57.1940, -2.1610,
33.6710

■ 232.6940, 10.4500,
19.8740

■ 32.4820, -3.0320,
32.9360

■ 249.1300, 2.7500,
5.2300

■ 15.5260, -6.3320,
26.6600

■ 5.1300, -14.4450,
13.9950

■ 3.2090, -7.6580,

6.6300

0.0000, 0.0000,
0.0000

132.7860, -0.8320,
37.1200

132.7860, -0.8320,
37.1200

118.3550, -0.6960,
45.6720

147.2170, -0.9680,
28.5680

104.2120, -1.4310,
53.4890

161.3600, -0.2330,
20.7510

89.7810, -1.2950,
62.0410

175.7910, -0.3690,
12.1990

75.0510, -1.7550,
70.3810

190.5210, 0.0910,
3.8590

60.6200, -1.6190,
78.9330

204.3650, 0.2300,
-4.1700

■ 53.2550, -1.8490,
83.1030

■ 218.7960, 0.0940,
-12.7220

■ 233.5260, 0.5540,
-21.0620

■ 240.9130, 3.7180,
-23.3380

■ 243.9030, 9.6780,
-21.2180

Harmonies

Analogous

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



122.1140, -61.0740, 16.5420



132.7860, -0.8320, 37.1200



130.3320, 41.6690, 43.3090

Triad

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



132.7860, -0.8320, 37.1200



125.3360, 59.9270, -12.2730



105.3950, -88.7120, -33.2560

Complementary

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



132.7860, -0.8320, 37.1200



173.2140, 0.8320, -37.1200

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.



98.7490, -72.7540, -47.1380



132.7860, -0.8320, 37.1200



122.1550, 34.8510, -31.3970

Square

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



132.7860, -0.8320, 37.1200



126.7900, 71.2930, 13.0290



115.8540, -6.9620, -39.0420



109.0090, -101.6440, -19.1480

Rectangle

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



132.7860, -0.8320, 37.1200



127.8640, 60.4220, 39.3500



115.8540, -6.9620, -39.0420



103.5710, -83.5760, -38.2320

Sweetspot

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



132.7860, -0.8320, 37.1200



230.8450, -0.4610, 13.8670



144.2730, -40.0730, 4.8790



112.6830, -0.1850, 8.8630



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



132.7860, -0.8320, 37.1200



154.2600, -1.3860, 58.1820



145.2300, 24.5210, 45.7130



92.5210, 0.0910, 3.8590



43.9970, -1.6630, 68.7130



9.7850, -0.2320, 15.2240

Inverse Universe

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



140.1000, 38.9660, 31.7180



165.7860, 61.0620, 49.7820



160.7700, -24.5210, -45.7130



93.1470, 4.0800, 3.1520



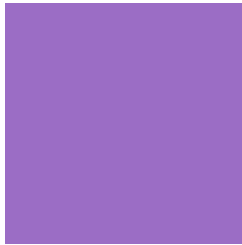
57.6290, 72.1100, 58.8140



12.7020, 15.9990, 12.9190

Previews

White Background



This preview shows how the YIQ color 132.7860, -0.8320, 37.1200 looks on a white background.

Color Contrast Check

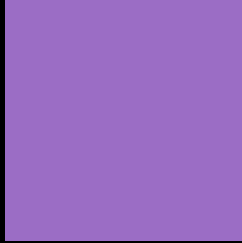
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.7860, -0.8320, 37.1200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

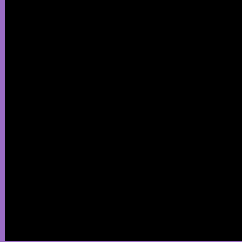
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 132.7860, -0.8320, 37.1200

Background



This preview shows how black text looks on a background with the YIQ color 132.7860, -0.8320, 37.1200.



This preview shows how white text looks on a background with the YIQ color 132.7860, -0.8320,

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

132.7860, -0.8320, 37.1200

Protanopia

126.5350, -46.0820, 20.1740

Deuteranopia

127.6250, -37.8280, 13.7560



Tritanopia

130.4190, 9.3060, 7.5620

Trichromacy



Original Color

132.7860, -0.8320, 37.1200

Protanomaly

129.0210, -29.7150, 26.4210

Deuteranomaly

129.6100, -24.3040, 21.9680

Tritanomaly

131.3020, 5.6820, 18.1780

Monochromacy



Original Color

132.7860, -0.8320, 37.1200

Achromatopsia

133.0000, 0.0000, 0.0000

Achromatomaly

132.7310, -0.1400, 13.5560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 132.7860, -0.8320, 37.1200 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(155, 109, 197)` looks like.

```
.text, #text, p{  
    color:rgb(155, 109, 197)  
}
```

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(155, 109, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 109, 197) }
```

Border

The CSS property to change the border of an element to YIQ 132.7860, -0.8320, 37.1200 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(155, 109, 197) }
```


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

```
.border{ border-color:rgb(155, 109, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 109, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 109, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 109, 197);  
box-shadow:4px 4px 4px 4px rgb(155, 109,  
197) }
```

Background

The CSS property to change the background color of an element to YIQ 132.7860, -0.8320, 37.1200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 109, 197) }
```

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

```
.background{ background-color: rgb(155,  
109, 197) }
```

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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