

Converting Colors

YIQ(122.6250, -10.3240,
43.9480)

Have a look what the booklet for
YIQ(122.6250, -10.3240, 43.9480)
contains.

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Color

**YIQ(122.6250, -10.3240,
43.9480)**

Conversions

Conversions Part 1

Format	Color
Hex	8C61D1
RGB	140, 97, 209
RGB Percent	55%, 38%, 82%
CMY	0.4508, 0.6197, 0.1805
CMYK	0.33, 0.54, 0.00, 0.18
HSL	263°, 55%, 60%
HSV	263°, 54%, 82%
XYZ	26.6003, 18.7272, 62.5132
YIQ	122.6250, -10.3240, 43.9480

Conversions

Conversions Part 2

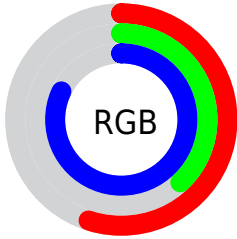
Format	Color
R_{YB}	140, 97, 209
Decimal	9200081
CIE _{Lab}	50.37, 40.99, -51.80
CIE _{LCh}	50, 66.058, 308.355
Yxy	18.7272, 0.2467, 0.1737
Android (android.graphics.Color)	4287390161 (0xFF8C61D1)
YUV	122.6250, 42.5829, 15.2379
Hunter-Lab	43.2749, 33.9893, -55.3554

Details

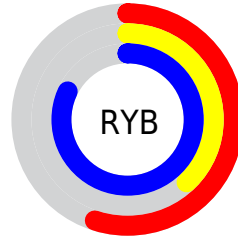
The YIQ color $122.6250, -10.3240, 43.9480$ is a light color, and the websafe version is hex $9966CC$. A complement of this color would be $183.3750, 10.3240, -43.9480$, and the grayscale version is $122.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $175.4360, -5.4180, 43.1420$, and $71.1470, -11.9740, 40.8100$ is the 20% darker color. If you saturate the color by 10%, you get $106.4110, -12.2970, 52.1750$, and if you desaturate by 10%, it is $138.8390, -8.3510, 35.7210$.

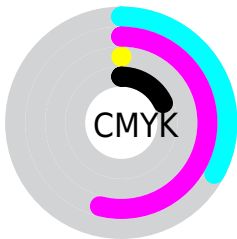
Distribution



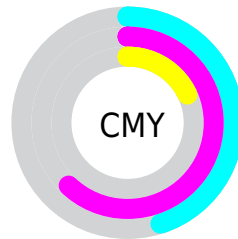
- Red (55%)
- Green (38%)
- Blue (82%)



- Red (55%)
- Yellow (38%)
- Blue (82%)



- Cyan (33%)
- Magenta (54%)
- Yellow (0%)
- Black (18%)



- Cyan (45%)
- Magenta (62%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 122.6250, -10.3240, 43.9480 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 122.6250, -10.3240, 43.9480 by changing the saturation by 10% instead.

■ 122.6250,
-10.3240, 43.9480

■ 122.6250,
-10.3240, 43.9480

■ 255.0000, -0.0000,
-0.0000

■ 96.3860, -11.1490,
42.3790

■ 175.4360, -5.4180,
43.1420

■ 71.1470, -11.9740,
40.8100

■ 199.9560, 4.4410,
35.1690

■ 45.6090, -13.3950,
39.0290

■ 225.0630, 14.0250,
26.6730

■ 19.4020, -17.2460,
37.2340

■ 241.4990, 6.3250,
12.0290

■ 8.7780, -24.7170,
23.9470

■ 8.9770, -18.3880,
13.8680

■ 4.7080, -10.5010,

8.5950

■ 0.2280, -0.6420,
0.6220

■ 0.0000, 0.0000,
0.0000

■ 122.6250,
-10.3240, 43.9480

■ 122.6250,
-10.3240, 43.9480

■ 106.4110,
-12.2970, 52.1750

■ 138.8390, -8.3510,
35.7210

■ 90.1970, -14.2700,
60.4020

■ 155.0530, -6.3780,
27.4940

■ 73.9830, -16.2430,
68.6290

■ 171.2670, -4.4050,
19.2670

■ 58.0680, -17.6200,
77.0680

■ 187.1820, -3.0280,
10.8280

47.7460, -19.4090,
81.9590

202.8090, -0.7800,
3.1240

219.0230, 1.1930,
-5.1030

235.2370, 3.1660,
-13.3300

246.1680, 7.6140,
-16.8500

249.7560, 14.7660,
-14.3060

Harmonies

Analogous

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



98.0620, -108.0220, 8.3460



122.6250, -10.3240, 43.9480



117.7000, 46.9850, 57.1050

Triad

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



122.6250, -10.3240, 43.9480



112.7970, 77.4420, -15.8220



100.5050, -83.2100, -33.8500

Complementary

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



122.6250, -10.3240, 43.9480



183.3750, 10.3240, -43.9480

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.



92.0180, -63.4460, -50.6300



122.6250, -10.3240, 43.9480



110.4840, 43.9300, -36.2460

Square

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



122.6250, -10.3240, 43.9480



111.9710, 87.2010, 22.0890



100.8310, -0.1280, -52.7680



106.0740, -100.2690, -16.5330

Rectangle

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



122.6250, -10.3240, 43.9480



110.8200, 72.8900, 55.6900



100.8310, -0.1280, -52.7680



97.6380, -76.5150, -39.5470

Sweetspot

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



122.6250, -10.3240, 43.9480



223.4580, -3.6250, 16.1430



150.2710, -54.9270, -1.2550



108.8400, -2.0650, 9.8950



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.



122.6250, -10.3240, 43.9480



129.4190, -14.7750, 64.0490



139.3690, 23.0520, 55.8200



96.4500, -1.1470, 4.2690



38.5870, -15.1880, 66.0280



9.4580, -3.6250, 16.1430

Inverse Universe

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



138.3540, 44.6030, 45.2030



152.1370, 65.0480, 65.6560



166.6310, -23.0520, -55.8200



98.0870, 4.3090, 4.5090



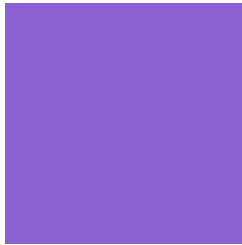
62.0880, 66.7440, 67.9600



15.1090, 16.4110, 16.4670

Previews

White Background



This preview shows how the YIQ color 122.6250, -10.3240, 43.9480 looks on a white background.

Color Contrast Check

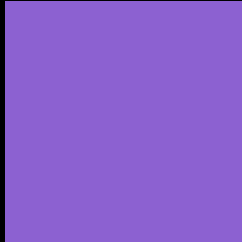
Large Text (above 18pt) WCAG AA ✓ Pass

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 122.6250, -10.3240, 43.9480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

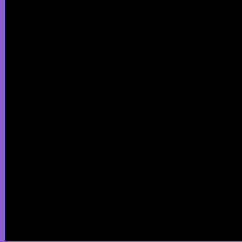
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 122.6250, -10.3240, 43.9480

Background



This preview shows how black text looks on a background with the YIQ color 122.6250, -10.3240, 43.9480.



This preview shows how white text looks on a background with the YIQ color 122.6250, -10.3240,

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

122.6250, -10.3240, 43.9480

Protanopia

111.1270, -71.1160, 22.3240

Deuteranopia

111.9240, -63.5950, 12.6690



Tritanopia

120.8200, 0.6870, 4.0710

Trichromacy



Original Color

122.6250, -10.3240, 43.9480

Protanomaly

115.1900, -49.0640, 30.1680

Deuteranomaly

115.5400, -44.4780, 24.1460

Tritanomaly

121.3380, -3.1670, 18.8570

Monochromacy



Original Color

122.6250, -10.3240, 43.9480

Achromatopsia

123.0000, -0.0000, -0.0000

Achromatomaly

123.0450, -3.9000, 15.6200

CSS Examples

Text

The CSS property to change the color of the text to YIQ 122.6250, -10.3240, 43.9480 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(140, 97, 209)` looks like.

```
.text, #text, p{  
    color:rgb(140, 97, 209)  
}
```

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(140, 97, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 97, 209) }
```

Border

The CSS property to change the border of an element to YIQ 122.6250, -10.3240, 43.9480 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(140, 97, 209) }
```


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

```
.border{ border-color:rgb(140, 97, 209) }
```

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

Here you see how a box with a 4 pixel rgb(140, 97, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 97, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 97, 209);  
box-shadow:4px 4px 4px 4px rgb(140, 97,  
209) }
```

Background

The CSS property to change the background color of an element to YIQ 122.6250, -10.3240, 43.9480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 97, 209) }
```

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

```
.background{ background-color: rgb(140, 97,  
209) }
```

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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