

Converting Colors

YIQ(113.2910, 22.5510, 37.3590)

Have a look what the booklet for
YIQ(113.2910, 22.5510, 37.3590)
contains.

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Color

**YIQ(113.2910, 22.5510,
37.3590)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 9E5398 |
| RGB | 158, 83, 152 |
| RGB Percent | 62%, 33%, 60% |
| CMY | 0.3802, 0.6746, 0.4039 |
| CMYK | 0.00, 0.48, 0.04, 0.38 |
| HSL | 305°, 31%, 47% |
| HSV | 305°, 48%, 62% |
| XYZ | 22.8708, 15.7238, 31.5393 |
| YIQ | 113.2910, 22.5510, 37.3590 |

Conversions

Conversions Part 2

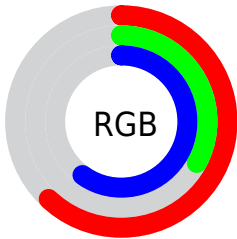
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 158, 83, 152 |
| Decimal | 10376088 |
| CIE _{Lab} | 46.61, 41.12, -24.38 |
| CIE _{LCh} | 47, 47.807, 329.335 |
| Yxy | 15.7238, 0.3261, 0.2242 |
| Android (android.graphics.Color) | 4288566168 (0xFF9E5398) |
| YUV | 113.2910, 19.0835, 39.2098 |
| Hunter-Lab | 39.6533, 33.5599, -19.4005 |

Details

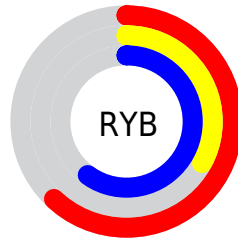
The YIQ color **113.2910, 22.5510, 37.3590** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **127.7090, -22.5510, -37.3590**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.8290, 23.9720, 39.1400**, and **61.6930, 21.3590, 36.9350** is the 20% darker color. If you saturate the color by 10%, you get **103.7850, 27.2720, 45.4160**, and if you desaturate by 10%, it is **122.7970, 17.8300, 29.3020**.

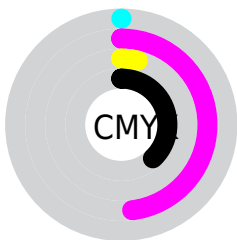
Distribution



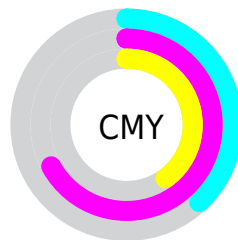
- Red (62%)
- Green (33%)
- Blue (60%)



- Red (62%)
- Yellow (33%)
- Blue (60%)



- Cyan (0%)
- Magenta (48%)
- Yellow (4%)
- Black (38%)





- Cyan (38%)
- Magenta (67%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.2910, 22.5510, 37.3590 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 113.2910, 22.5510, 37.3590 by changing the saturation by 10% instead.


 113.2910, 22.5510,
37.3590


 113.2910, 22.5510,
37.3590


255.0000, -0.0000,
-0.0000


 87.5790, 21.6800,
36.6240


 166.8290, 23.9720,
39.1400


 61.6930, 21.3590,
36.9350


 194.5410, 24.8430,
39.8750

 32.9860, 22.0920,
40.1720


 216.8450, 17.8750,
33.9950

 22.1880, 15.1710,
27.9310

 233.2810, 10.1750,
19.3510

 13.2160, 8.8000,
16.7360

 250.3040, 2.2000,
4.1840

 0.3420, -0.9630,
0.9330

 0.0000, 0.0000,

0.0000

■ 113.2910, 22.5510,
37.3590

■ 113.2910, 22.5510,
37.3590

■ 103.7850, 27.2720,
45.4160

■ 122.7970, 17.8300,
29.3020

■ 94.1650, 32.3140,
53.1620

■ 132.4170, 12.7880,
21.5560

■ 85.2460, 36.7600,
60.6960

■ 141.3360, 8.3420,
14.0220

■ 75.7400, 41.4810,
68.7530

■ 150.8420, 3.6210,
5.9650

■ 66.2340, 46.2020,
76.8100

■ 160.3480, -1.1000,
-2.0920

■ 63.7720, 47.6230,
78.5910

■ 169.9680, -6.1420,
-9.8380

■ 179.4740,
-10.8630, -17.8950

■ 188.3930,
-15.3090, -25.4290

■ 197.8990,
-20.0300, -33.4860

Harmonies

Analogous

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



111.9250, -20.6370, 27.0990



113.2910, 22.5510, 37.3590



109.8520, 51.5280, 35.3360

Triad

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



113.2910, 22.5510, 37.3590



105.2580, 42.2310, -21.9690



92.7090, -83.3040, -21.1280

Complementary

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



113.2910, 22.5510, 37.3590



127.7090, -22.5510, -37.3590

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.



88.0350, -70.1430, -33.8790



113.2910, 22.5510, 37.3590



101.8240, 10.9180, -32.6820

Square

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



113.2910, 22.5510, 37.3590



107.8880, 58.7330, -1.6430



90.8690, -37.6810, -38.4890



93.7810, -91.8340, -9.7060

Rectangle

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



113.2910, 22.5510, 37.3590



107.9590, 61.1120, 26.8400



90.8690, -37.6810, -38.4890



91.8140, -79.4060, -25.6940

Sweetspot

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



113.2910, 22.5510, 37.3590



189.6350, 8.9380, 14.2340



93.0450, -21.0950, 24.3850



94.2060, 5.5920, 8.7920



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



113.2910, 22.5510, 37.3590



136.5940, 35.6600, 58.6040



109.1870, 34.1070, 26.1630



74.1900, 2.5210, 3.8730



57.6910, 43.1770, 71.0570



6.0810, 4.4460, 7.5340

Inverse Universe

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



113.2910, 22.5510, 37.3590



136.5940, 35.6600, 58.6040



131.9270, -34.4280, -25.8520



74.1900, 2.5210, 3.8730



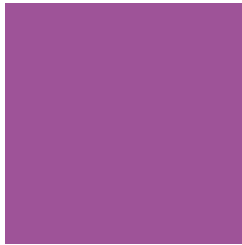
57.6910, 43.1770, 71.0570



6.0810, 4.4460, 7.5340

Previews

White Background



This preview shows how the YIQ color 113.2910, 22.5510, 37.3590 looks on a white background.

Color Contrast Check

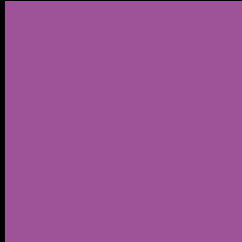
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.2910, 22.5510, 37.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

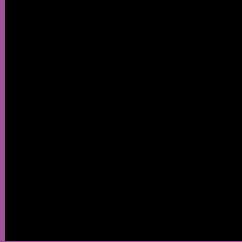
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.2910, 22.5510, 37.3590

Background



This preview shows how black text looks on a background with the YIQ color 113.2910, 22.5510, 37.3590.



This preview shows how white text looks on a background with the YIQ color 113.2910, 22.5510,

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

113.2910, 22.5510, 37.3590

Protanopia

109.7180, -33.6560, 15.2400

Deuteranopia

111.2390, -16.3700, 10.3340



Tritanopia

112.8410, 31.7250, 14.2610

Trichromacy



Original Color

113.2910, 22.5510, 37.3590

Protanomaly

111.2970, -13.1170, 22.9710

Deuteranomaly

112.1640, -2.6170, 19.9030

Tritanomaly

113.1430, 28.2390, 22.3750

Monochromacy



Original Color

113.2910, 22.5510, 37.3590

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.9230, 8.0670, 13.4990

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.2910, 22.5510, 37.3590 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(158, 83, 152)` looks like.

```
.text, #text, p{  
    color:rgb(158, 83, 152)  
}
```

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(158, 83, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 83, 152) }
```

Border

The CSS property to change the border of an element to YIQ 113.2910, 22.5510, 37.3590 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(158, 83, 152) }
```


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

```
.border{ border-color:rgb(158, 83, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 83, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 83, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 83, 152);  
box-shadow:4px 4px 4px 4px rgb(158, 83,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 113.2910, 22.5510, 37.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 83, 152) }
```

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

```
.background{ background-color: rgb(158, 83,  
152) }
```

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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