

Converting Colors

YIQ(113.0970, 25.8530, 32.5810)

Have a look what the booklet for
YIQ(113.0970, 25.8530, 32.5810)
contains.

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Color

**YIQ(113.0970, 25.8530,
32.5810)**

Conversions

Conversions Part 1

Format	Color
Hex	9E558C
RGB	158, 85, 140
RGB Percent	62%, 33%, 55%
CMY	0.3802, 0.6668, 0.4509
CMYK	0.00, 0.46, 0.11, 0.38
HSL	315°, 30%, 48%
HSV	315°, 46%, 62%
XYZ	22.0918, 15.6606, 26.6753
YIQ	113.0970, 25.8530, 32.5810

Conversions

Conversions Part 2

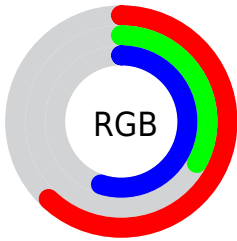
Format	Color
R _Y B	158, 85, 140
Decimal	10376588
CIE _{Lab}	46.53, 37.91, -17.34
CIE _{LCh}	47, 41.691, 335.421
Yxy	15.6606, 0.3429, 0.2431
Android (android.graphics.Color)	4288566668 (0xFF9E558C)
YUV	113.0970, 13.2632, 39.3799
Hunter-Lab	39.5734, 30.3939, -12.2642

Details

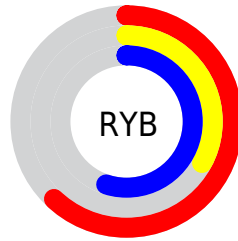
The YIQ color **113.0970, 25.8530, 32.5810** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **129.9030, -25.8530, -32.5810**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.5210, 27.5950, 34.0510**, and **62.2000, 24.0650, 31.9450** is the 20% darker color. If you saturate the color by 10%, you get **103.2490, 31.5370, 39.7050**, and if you desaturate by 10%, it is **122.9450, 20.1690, 25.4570**.

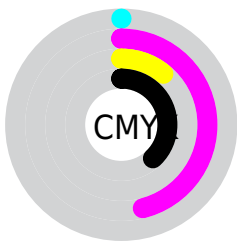
Distribution



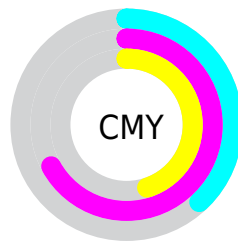
- Red (62%)
- Green (33%)
- Blue (55%)



- Red (62%)
- Yellow (33%)
- Blue (55%)



- Cyan (0%)
- Magenta (46%)
- Yellow (11%)
- Black (38%)



- Cyan (38%)
- Magenta (67%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.0970, 25.8530, 32.5810 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 113.0970, 25.8530, 32.5810 by changing the saturation by 10% instead.

■ 113.0970, 25.8530,
32.5810

■ 113.0970, 25.8530,
32.5810

■ 255.0000, -0.0000,
-0.0000

■ 87.3850, 24.9820,
31.8460

■ 166.5210, 27.5950,
34.0510

■ 62.2000, 24.0650,
31.9450

■ 194.2330, 28.4660,
34.7860

■ 34.6670, 24.2480,
34.1360

■ 216.8620, 19.2050,
31.9170

■ 21.1620, 18.0600,
25.1320

■ 233.8680, 9.9000,
18.8280

■ 12.1900, 11.6890,
13.9370

■ 250.8910, 1.9250,
3.6610

■ 0.0000, 0.0000,
0.0000

■ 113.0970, 25.8530,
32.5810

■ 113.0970, 25.8530,
32.5810

■ 103.2490, 31.5370,
39.7050

■ 122.9450, 20.1690,
25.4570

■ 93.4010, 37.2210,
46.8290

■ 132.7930, 14.4850,
18.3330

■ 84.1400, 42.6300,
53.4300

■ 142.0540, 9.0760,
11.7320

■ 74.2920, 48.3140,
60.5540

■ 151.9020, 3.3920,
4.6080

■ 64.5580, 53.6770,
67.9890

■ 161.7500, -2.2920,
-2.5160


■ 60.8080, 55.9690,
70.5050

■ 171.4840, -7.6550,
-9.9510

■ 181.3320,
-13.3390, -17.0750

■ 190.5930,

-18.7480, -23.6760

 200.4410,
-24.4320, -30.8000

Harmonies

Analogous

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



112.7430, -8.4410, 26.3350



113.0970, 25.8530, 32.5810



110.3690, 48.2740, 28.2260

Triad

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



113.0970, 25.8530, 32.5810



105.7500, 32.0980, -20.0460



91.6490, -83.0750, -19.7710

Complementary

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



113.0970, 25.8530, 32.5810



129.9030, -25.8530, -32.5810

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.



88.3600, -72.4360, -30.8680



113.0970, 25.8530, 32.5810



102.1530, 2.8020, -28.7660

Square

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



113.0970, 25.8530, 32.5810



108.5170, 49.4720, -4.5120



92.3620, -40.3870, -33.4990



91.3360, -89.0830, -10.0030

Rectangle

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



113.0970, 25.8530, 32.5810



109.5080, 54.8320, 19.5040



92.3620, -40.3870, -33.4990



90.3950, -79.5440, -23.1920

Sweetspot

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



113.0970, 25.8530, 32.5810



189.0650, 10.5430, 12.6790



98.4050, -13.3010, 26.3070



93.8640, 6.5550, 7.8590



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.



113.0970, 25.8530, 32.5810



136.8900, 40.3380, 50.9140



108.9930, 37.4090, 21.3850



74.0760, 2.8420, 3.5620



55.0690, 50.5600, 63.9040



5.8530, 5.0880, 6.9120

Inverse Universe

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



113.0970, 25.8530, 32.5810



136.8900, 40.3380, 50.9140



134.0070, -37.4090, -21.3850



74.0760, 2.8420, 3.5620



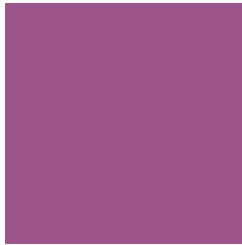
55.0690, 50.5600, 63.9040



5.8530, 5.0880, 6.9120

Previews

White Background



This preview shows how the YIQ color 113.0970, 25.8530, 32.5810 looks on a white background.

Color Contrast Check

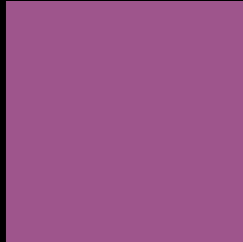
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.0970, 25.8530, 32.5810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

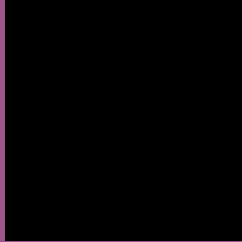
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.0970, 25.8530, 32.5810

Background



This preview shows how black text looks on a background with the YIQ color 113.0970, 25.8530, 32.5810.



This preview shows how white text looks on a background with the YIQ color 113.0970, 25.8530,

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

113.0970, 25.8530, 32.5810

Protanopia

110.4000, -24.0730, 12.2710

Deuteranopia

111.4910, -8.3920, 8.9200



Tritanopia

112.0370, 34.1090, 15.1090

Trichromacy



Original Color

113.0970, 25.8530, 32.5810

Protanomaly

111.1960, -5.6430, 19.6770

Deuteranomaly

112.2910, 4.2150, 17.2310

Tritanomaly

112.2850, 30.7150, 21.5550

Monochromacy



Original Color

113.0970, 25.8530, 32.5810

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.0540, 9.0760, 11.7320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.0970, 25.8530, 32.5810 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, 85, 140)` looks like.

```
.text, #text, p{  
    color:rgb(158, 85, 140)  
}
```

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, 85, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 85, 140) }
```

Border

The CSS property to change the border of an element to YIQ 113.0970, 25.8530, 32.5810 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, 85, 140) }
```


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

```
.border{ border-color:rgb(158, 85, 140) }
```

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

Here you see how a box with a 4 pixel rgb(158, 85, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 85, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 85, 140);  
box-shadow:4px 4px 4px 4px rgb(158, 85,  
140) }
```

Background

The CSS property to change the background color of an element to YIQ 113.0970, 25.8530, 32.5810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 85, 140) }
```

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

```
.background{ background-color: rgb(158, 85,  
140) }
```

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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