

Converting Colors

YIQ(109.6220, 10.9530, 27.2810)

Have a look what the booklet for
YIQ(109.6220, 10.9530, 27.2810)
contains.

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Color

**YIQ(109.6220, 10.9530,
27.2810)**

Conversions

Conversions Part 1

Format	Color
Hex	895990
RGB	137, 89, 144
RGB Percent	54%, 35%, 56%
CMY	0.4626, 0.6510, 0.4353
CMYK	0.05, 0.38, 0.00, 0.44
HSL	292°, 24%, 46%
HSV	292°, 38%, 56%
XYZ	18.9275, 14.4766, 28.1823
YIQ	109.6220, 10.9530, 27.2810

Conversions

Conversions Part 2

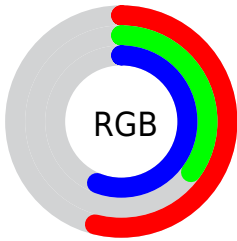
Format	Color
RYB	137, 89, 144
Decimal	9001360
CIELab	44.91, 29.44, -22.44
CIELCh	45, 37.022, 322.683
Yxy	14.4766, 0.3073, 0.2351
Android (android.graphics.Color)	4287191440 (0xFF895990)
YUV	109.6220, 16.9484, 24.0105
Hunter-Lab	38.0481, 22.2127, -17.2825

Details

The YIQ color **109.6220, 10.9530, 27.2810** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **123.3780, -10.9530, -27.2810**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **161.8610, 11.7780, 28.8500**, and **60.3830, 10.1280, 25.7120** is the 20% darker color. If you saturate the color by 10%, you get **100.8060, 13.6110, 34.1790**, and if you desaturate by 10%, it is **118.4380, 8.2950, 20.3830**.

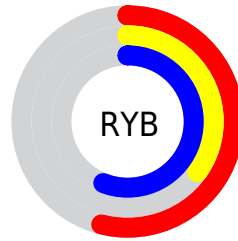
Distribution



Red (54%)

Green (35%)

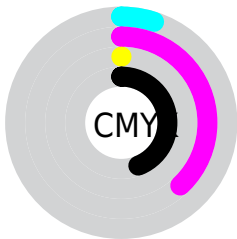
Blue (56%)



Red (54%)

Yellow (35%)

Blue (56%)

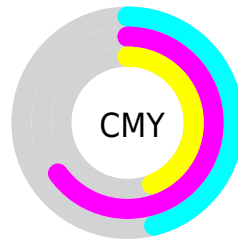


Cyan (5%)

Magenta (38%)

Yellow (0%)

Black (44%)



Cyan (46%)

Magenta (65%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 109.6220, 10.9530, 27.2810 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 109.6220, 10.9530, 27.2810 by changing the saturation by 10% instead.

■ 109.6220, 10.9530,
27.2810

■ 109.6220, 10.9530,
27.2810

■ 255.0000, -0.0000,
-0.0000

■ 84.7960, 10.4030,
26.2350

■ 161.8610, 11.7780,
28.8500

■ 60.3830, 10.1280,
25.7120

■ 189.5730, 12.6490,
29.5850

■ 37.0840, 9.5320,
25.5000

■ 217.1000, 12.6030,
30.4190

■ 17.0190, 8.1570,
22.8850

■ 235.6290, 9.0750,
17.2590

■ 4.1600, -5.9620,
8.9340

■ 252.6520, 1.1000,
2.0920

■ 0.0000, 0.0000,
0.0000

■ 109.6220, 10.9530,
27.2810

■ 109.6220, 10.9530,
27.2810

■ 100.8060, 13.6110,
34.1790

■ 118.4380, 8.2950,
20.3830

■ 91.4030, 16.5440,
41.6000

■ 127.8410, 5.3620,
12.9620

■ 82.8860, 19.7980,
48.7100

■ 136.6570, 2.7040,
6.0640

■ 73.4830, 22.7310,
56.1310

■ 145.7610, -0.8250,
-1.5690

■ 64.6670, 25.3890,
63.0290

■ 154.5770, -3.4830,
-8.4670

■ 55.8510, 28.0470,
69.9270


■ 163.3930, -6.1410,
-15.3650

■ 54.0900, 28.8720,
71.4960

■ 172.7960, -9.0740,
-22.7860

■ 181.6120,

-11.7320, -29.6840

 190.7160,
-15.2610, -37.3170

Harmonies

Analogous

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



106.5730, -22.8820, 18.2220



109.6220, 10.9530, 27.2810



108.1980, 35.5740, 27.1100

Triad

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



109.6220, 10.9530, 27.2810



103.9450, 36.2230, -12.2010



86.3200, -74.9590, -23.6870

Complementary

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



109.6220, 10.9530, 27.2810



123.3780, -10.9530, -27.2810

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.



82.0850, -64.4120, -33.1160



109.6220, 10.9530, 27.2810



101.3010, 14.3090, -22.5470

Square

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



109.6220, 10.9530, 27.2810



105.7760, 47.5450, 2.8810



96.0400, -15.8130, -27.3090



87.5230, -82.4800, -14.0320

Rectangle

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



109.6220, 10.9530, 27.2810



106.7120, 45.5700, 22.1620



96.0400, -15.8130, -27.3090



85.1800, -71.7490, -26.7970

Sweetspot

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



109.6220, 10.9530, 27.2810



173.6620, 4.3080, 10.0360



99.3790, -19.5800, 13.4440



86.6570, 2.7040, 6.0640



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



109.6220, 10.9530, 27.2810



132.8160, 16.8190, 42.1230



109.4350, 21.5450, 22.5450



66.5920, 1.3290, 3.4490



50.6720, 26.9930, 67.0010



3.0050, 1.6040, 3.9720

Inverse Universe

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



106.2430, 30.5330, 13.8370



127.5550, 47.4500, 21.1300



123.5650, -21.5450, -22.5450



66.2070, 3.8510, 1.7950



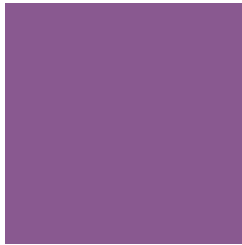
42.3030, 75.0030, 33.9070



2.5060, 4.4470, 2.0070

Previews

White Background



This preview shows how the YIQ color 109.6220, 10.9530, 27.2810 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 109.6220, 10.9530, 27.2810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

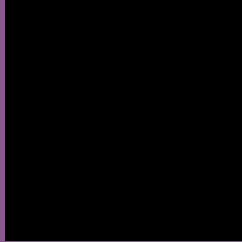
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 109.6220, 10.9530, 27.2810

Background



This preview shows how black text looks on a background with the YIQ color 109.6220, 10.9530, 27.2810.



This preview shows how white text looks on a background with the YIQ color 109.6220, 10.9530,

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

109.6220, 10.9530, 27.2810

Protanopia

106.1440, -26.2280, 12.7800

Deuteranopia

107.0110, -15.7280, 9.7120



Tritanopia

108.3770, 18.2920, 9.9080

Trichromacy



Original Color

109.6220, 10.9530, 27.2810

Protanomaly

107.1350, -12.8410, 17.9670

Deuteranomaly

107.7890, -6.0550, 16.1290

Tritanomaly

108.8100, 15.8150, 16.2550

Monochromacy



Original Color

109.6220, 10.9530, 27.2810

Achromatopsia

110.0000, 0.0000, 0.0000

Achromatomaly

109.6620, 4.3080, 10.0360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.6220, 10.9530, 27.2810 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(137, 89, 144)` looks like.

```
.text, #text, p{  
    color:rgb(137, 89, 144)  
}
```

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(137, 89, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 89, 144) }
```

Border

The CSS property to change the border of an element to YIQ 109.6220, 10.9530, 27.2810 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(137, 89, 144) }
```


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

```
.border{ border-color:rgb(137, 89, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 89, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 89, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 89, 144);  
box-shadow:4px 4px 4px 4px rgb(137, 89,  
144) }
```

Background

The CSS property to change the background color of an element to YIQ 109.6220, 10.9530, 27.2810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 89, 144) }
```

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

```
.background{ background-color: rgb(137, 89,  
144) }
```

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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