

Converting Colors

YIQ(111.2230, -1.1050, 25.5430)

Have a look what the booklet for
YIQ(111.2230, -1.1050, 25.5430)
contains.

YIQ(111.2230, -1.1050, 25.5430)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(111.2230, -1.1050,
25.5430)**

Conversions

Conversions Part 1

Format	Color
Hex	7E5F9C
RGB	126, 95, 156
RGB Percent	49%, 37%, 61%
CMY	0.5058, 0.6275, 0.3883
CMYK	0.19, 0.39, 0.00, 0.39
HSL	271°, 24%, 49%
HSV	271°, 39%, 61%
XYZ	18.6991, 15.0197, 33.3602
YIQ	111.2230, -1.1050, 25.5430

Conversions

Conversions Part 2

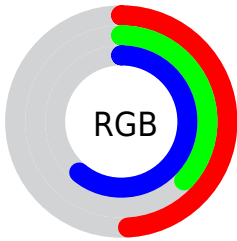
Format	Color
RYB	126, 95, 156
Decimal	8282012
CIELab	45.66, 25.02, -28.52
CIElCh	46, 37.938, 311.263
Yxy	15.0197, 0.2788, 0.2239
Android (android.graphics.Color)	4286472092 (0xFF7E5F9C)
YUV	111.2230, 22.0751, 12.9594
Hunter-Lab	38.7553, 18.3028, -23.9075

Details

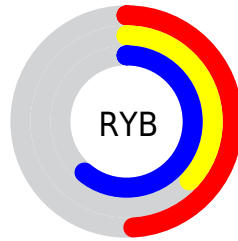
The YIQ color **111.2230, -1.1050, 25.5430** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **139.7770, 1.1050, -25.5430**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.5760, -0.6010, 27.4230**, and **62.4570, -1.8840, 23.1400** is the 20% darker color. If you saturate the color by 10%, you get **99.4390, -1.4730, 32.2150**, and if you desaturate by 10%, it is **123.0070, -0.7370, 18.8710**.

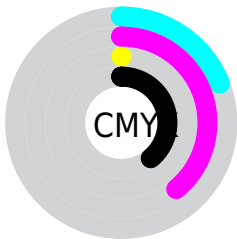
Distribution



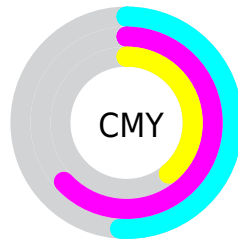
- Red (49%)
- Green (37%)
- Blue (61%)



- Red (49%)
- Yellow (37%)
- Blue (61%)



- Cyan (19%)
- Magenta (39%)
- Yellow (0%)
- Black (39%)



- Cyan (51%)
- Magenta (63%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.2230, -1.1050, 25.5430 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 111.2230, -1.1050, 25.5430 by changing the saturation by 10% instead.

■ 111.2230, -1.1050,
25.5430

■ 111.2230, -1.1050,
25.5430

■ 255.0000, -0.0000,
-0.0000

■ 86.3970, -1.6550,
24.4970

■ 163.5760, -0.6010,
27.4230

■ 62.4570, -1.8840,
23.1400

■ 190.9890, -0.3260,
27.9460

■ 39.6310, -2.4340,
22.0940

■ 217.0340, 3.8010,
24.7370

■ 17.2180, -2.7090,
21.5710

■ 239.1510, 7.4250,
14.1210

■ 3.9900, -11.2350,
10.8850

■ 1.0260, -2.8890,
2.7990

■ 0.0000, 0.0000,

0.0000

■ 111.2230, -1.1050,
25.5430

■ 111.2230, -1.1050,
25.5430

■ 99.4390, -1.4730,
32.2150

■ 123.0070, -0.7370,
18.8710

■ 88.5410, -1.5200,
38.5760

■ 133.9050, -0.6900,
12.5100

■ 76.7570, -1.8880,
45.2480

■ 145.6890, -0.3220,
5.8380

■ 65.5600, -2.5310,
51.3970

■ 156.8860, 0.3210,
-0.3110

■ 54.0750, -2.3030,
58.2810

■ 168.3710, 0.0930,
-7.1950

■ 42.2910, -2.6710,
64.9530

■ 180.1550, 0.4610,
-13.8670

■ 41.4050, -2.9920,
65.2640

■ 191.3520, 1.1040,
-20.0160

■ 202.8370, 0.8760,
-26.9000

■ 214.0340, 1.5190,
-33.0490

Harmonies

Analogous

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



104.6140, -39.2950, 12.8090



111.2230, -1.1050, 25.5430



110.6580, 28.4670, 29.2590

Triad

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



111.2230, -1.1050, 25.5430



106.2280, 42.9160, -6.8440



86.3540, -72.2990, -27.8430

Complementary

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



111.2230, -1.1050, 25.5430



139.7770, 1.1050, -25.5430

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.



90.4910, -45.0640, -31.3360



111.2230, -1.1050, 25.5430



103.8570, 24.4870, -19.7770

Square

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



111.2230, -1.1050, 25.5430



107.8460, 50.5240, 9.4680



99.7980, -3.3880, -26.7160



88.6000, -81.3790, -17.4670

Rectangle

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



111.2230, -1.1050, 25.5430



109.4930, 41.9930, 26.4170



99.7980, -3.3880, -26.7160



85.1000, -68.7680, -31.2640

Sweetspot

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



111.2230, -1.1050, 25.5430



186.3240, -0.5520, 10.0080



119.5640, -27.8310, 3.2810



91.6890, -0.3220, 5.8380



230.0000, -0.0000, 0.0000



102.0000, -0.0000, -0.0000

Same Dimension

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



111.2230, -1.1050, 25.5430



133.5950, -1.6120, 40.2440



120.1930, 16.7750, 31.9030



73.1080, -0.1840, 3.3360



38.1290, -2.3950, 59.9490



4.1020, -0.0470, 6.3610

Inverse Universe

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



116.6590, 26.7260, 22.2620



142.0620, 42.1290, 34.9690



130.8070, -16.7750, -31.9030



73.8480, 3.4840, 2.9400



50.7370, 62.7580, 52.0860



5.3970, 6.3720, 5.6680

Previews

White Background



This preview shows how the YIQ color 111.2230, -1.1050, 25.5430 looks on a white background.

Color Contrast Check

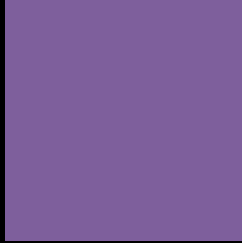
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.2230, -1.1050, 25.5430 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 111.2230, -1.1050, 25.5430

Background



This preview shows how black text looks on a background with the YIQ color 111.2230, -1.1050, 25.5430.



This preview shows how white text looks on a background with the YIQ color 111.2230, -1.1050,

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

111.2230, -1.1050, 25.5430

Protanopia

107.0450, -30.2630, 14.3210

Deuteranopia

107.8730, -24.0270, 11.4370



Tritanopia

109.3970, 6.3720, 5.6680

Trichromacy



Original Color

111.2230, -1.1050, 25.5430

Protanomaly

108.5410, -19.8560, 18.4480

Deuteranomaly

109.2270, -16.0960, 16.3840

Tritanomaly

110.3570, 3.8490, 12.8490

Monochromacy



Original Color

111.2230, -1.1050, 25.5430

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

110.7970, -0.5060, 9.1740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.2230, -1.1050, 25.5430 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(126, 95, 156)` looks like.

```
.text, #text, p{  
    color:rgb(126, 95, 156)  
}
```

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(126, 95, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 95, 156) }
```

Border

The CSS property to change the border of an element to YIQ 111.2230, -1.1050, 25.5430 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(126, 95, 156) }
```


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

```
.border{ border-color:rgb(126, 95, 156) }
```

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

Here you see how a box with a 4 pixel rgb(126, 95, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 95, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 95, 156);  
box-shadow:4px 4px 4px 4px rgb(126, 95,  
156) }
```

Background

The CSS property to change the background color of an element to YIQ 111.2230, -1.1050, 25.5430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 95, 156) }
```

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

```
.background{ background-color: rgb(126, 95,  
156) }
```

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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