

Converting Colors

YIQ(111.9570, 27.9220, 0.5780)

Have a look what the booklet for
YIQ(111.9570, 27.9220, 0.5780)
contains.

YIQ(111.9570, 27.9220, 0.5780)	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(111.9570, 27.9220,
0.5780)**

Conversions

Conversions Part 1

Format	Color
Hex	8B6852
RGB	139, 104, 82
RGB Percent	55%, 41%, 32%
CMY	0.4548, 0.5922, 0.6783
CMYK	0.00, 0.25, 0.41, 0.45
HSL	23°, 26%, 43%
HSV	23°, 41%, 55%
XYZ	17.1235, 15.9978, 10.1745
YIQ	111.9570, 27.9220, 0.5780

Conversions

Conversions Part 2

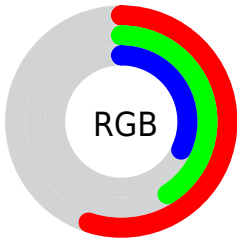
Format	Color
R_{YB}	139, 118, 82
Decimal	9136210
CIE _{Lab}	46.97, 10.96, 17.81
CIE _{LCh}	47, 20.918, 58.390
Yxy	15.9978, 0.3955, 0.3695
Android (android.graphics.Color)	4287326290 (0xFF8B6852)
YUV	111.9570, -14.7688, 23.7167
Hunter-Lab	39.9973, 6.4234, 12.9159

Details

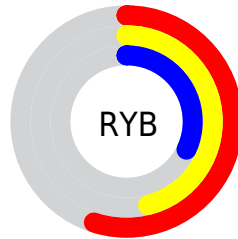
The YIQ color **111.9570, 27.9220, 0.5780** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **109.0430, -27.9220, -0.5780**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.0390, 30.6270, 1.1150**, and **63.6900, 24.3000, 0.1400** is the 20% darker color. If you saturate the color by 10%, you get **105.0780, 34.8910, 0.9310**, and if you desaturate by 10%, it is **118.8360, 20.9530, 0.2250**.

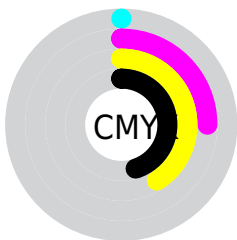
Distribution



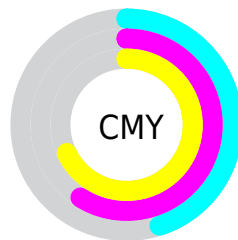
- Red (55%)
- Green (41%)
- Blue (32%)



- Red (55%)
- Yellow (46%)
- Blue (32%)



- Cyan (0%)
- Magenta (25%)
- Yellow (41%)
- Black (45%)



- Cyan (45%)
- Magenta (59%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.9570, 27.9220, 0.5780 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 111.9570, 27.9220, 0.5780 by changing the saturation by 10% instead.

■ 111.9570, 27.9220,
0.5780

■ 111.9570, 27.9220,
0.5780

■ 255.0000, -0.0000,
-0.0000

■ 87.4730, 26.4090,
0.4650

■ 164.0390, 30.6270,
1.1150

■ 63.6900, 24.3000,
0.1400

■ 191.2240, 31.5440,
1.0160

■ 41.2060, 22.7870,
0.0270

■ 219.4090, 32.4610,
0.9170

■ 20.7650, 19.7150,
0.6350

■ 240.1190, 18.4780,
-4.4820

■ 0.0000, 0.0000,
0.0000

■ 253.4040, 4.4940,
-4.3540

■ 111.9570, 27.9220,
0.5780

■ 111.9570, 27.9220,
0.5780

■ 105.0780, 34.8910,
0.9310

■ 118.8360, 20.9530,
0.2250

■ 98.7860, 41.5850,
0.7610

■ 125.1280, 14.2590,
0.3950

■ 91.9070, 48.5540,
1.1140

■ 132.0070, 7.2900,
0.0420

■ 85.6150, 55.2480,
0.9440

■ 138.2990, 0.5960,
0.2120

■ 78.8500, 61.8960,
1.6080

■ 145.1780, -6.3730,
-0.1410

■ 73.2590, 67.9940,
1.2260

■ 151.3560,
-12.7460, -0.2820

■ 158.2350,
-19.7150, -0.6350

■ 164.5270,

-26.4090, -0.4650

■ 171.4060,
-33.3780, -0.8180

Harmonies

Analogous

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



113.1840, 29.0210, 8.1970



111.9570, 27.9220, 0.5780



110.6090, 19.8540, -7.3940

Triad

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



111.9570, 27.9220, 0.5780



103.6000, -28.6530, -14.8690



112.7840, -7.6590, 12.1570

Complementary

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



111.9570, 27.9220, 0.5780



109.0430, -27.9220, -0.5780

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.



108.9880, -26.0890, 4.7510



111.9570, 27.9220, 0.5780



102.5480, -40.0700, -11.7020

Square

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



111.9570, 27.9220, 0.5780



106.0550, -11.0010, -15.3930



104.7750, -38.9710, -4.0830



113.8740, 9.7630, 15.8030

Rectangle

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



111.9570, 27.9220, 0.5780



109.5970, 10.9600, -11.4080



104.7750, -38.9710, -4.0830



111.9080, -13.9400, 10.3480

Sweetspot

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



111.9570, 27.9220, 0.5780



170.8610, 10.6370, -0.0430



103.0330, 22.7370, 22.9690



85.8220, 6.3730, 0.1410



219.0000, 0.0000, -0.0000



92.0000, 0.0000, -0.0000

Same Dimension

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



111.9570, 27.9220, 0.5780



139.1560, 43.4190, 0.5630



128.3930, 20.2220, -14.0660



65.8540, 3.3470, -0.0850



69.7040, 65.2430, 1.5230



2.6690, 2.4300, 0.0140

Inverse Universe

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



109.0430, -27.9220, -0.5780



134.4310, -43.6940, -1.0860



92.6070, -20.2220, 14.0660



65.1460, -3.3470, 0.0850



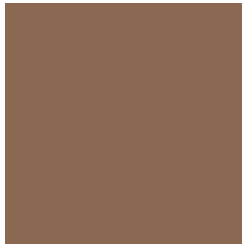
63.2960, -65.2430, -1.5230



2.3310, -2.4300, -0.0140

Previews

White Background



This preview shows how the YIQ color 111.9570, 27.9220, 0.5780 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 111.9570, 27.9220, 0.5780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

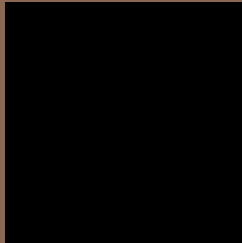
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.9570, 27.9220, 0.5780

Background



This preview shows how black text looks on a background with the YIQ color 111.9570, 27.9220, 0.5780.



This preview shows how white text looks on a background with the YIQ color 111.9570, 27.9220,

0.5780.

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

111.9570, 27.9220, 0.5780

Protanopia

110.4280, 13.1140, -6.3900

Deuteranopia

111.5110, 23.2460, -2.7860



Tritanopia

113.1710, 21.8680, 11.1800

Trichromacy



Original Color

111.9570, 27.9220, 0.5780

Protanomaly

110.6460, 18.4320, -3.6480

Deuteranomaly

111.8210, 25.3090, -1.6270

Tritanomaly

112.4330, 23.8860, 7.6460

Monochromacy



Original Color

111.9570, 27.9220, 0.5780

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.9750, 10.3160, 0.2680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.9570, 27.9220, 0.5780 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(139, 104, 82)` looks like.

```
.text, #text, p{  
    color:rgb(139, 104, 82)  
}
```

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(139, 104, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 104, 82) }
```

Border

The CSS property to change the border of an element to YIQ 111.9570, 27.9220, 0.5780 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(139, 104, 82) }
```


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

```
.border{ border-color:rgb(139, 104, 82) }
```

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

Here you see how a box with a 4 pixel rgb(139, 104, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 104, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 104, 82);  
box-shadow:4px 4px 4px 4px rgb(139, 104,  
82) }
```

Background

The CSS property to change the background color of an element to YIQ 111.9570, 27.9220, 0.5780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 104, 82) }
```

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

```
.background{ background-color: rgb(139,  
104, 82) }
```

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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