

Converting Colors

YIQ(127.8920, 35.7150, 8.0270)

Have a look what the booklet for
YIQ(127.8920, 35.7150, 8.0270)
contains.

YIQ(127.8920, 35.7150, 8.0270)	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(127.8920, 35.7150,
8.0270)**

Conversions

Conversions Part 1

Format	Color
Hex	A77166
RGB	167, 113, 102
RGB Percent	65%, 44%, 40%
CMY	0.3450, 0.5569, 0.5998
CMYK	0.00, 0.32, 0.39, 0.34
HSL	10°, 27%, 53%
HSV	10°, 39%, 66%
XYZ	24.2457, 20.9841, 15.3528
YIQ	127.8920, 35.7150, 8.0270

Conversions

Conversions Part 2

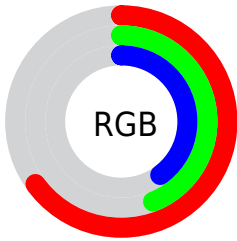
Format	Color
R_{YB}	167, 115, 102
Decimal	10973542
CIE Lab	52.93, 19.98, 14.75
CIE LCh	53, 24.838, 36.434
Yxy	20.9841, 0.4002, 0.3464
Android (android.graphics.Color)	4289163622 (0xFFA77166)
YUV	127.8920, -12.7648, 34.2977
Hunter-Lab	45.8084, 14.3125, 12.1947

Details

The YIQ color **127.8920, 35.7150, 8.0270** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **141.1080, -35.7150, -8.0270**, and the grayscale version is **128.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **181.2730, 39.0160, 8.7760**, and **77.6250, 32.0930, 7.5890** is the 20% darker color. If you saturate the color by 10%, you get **117.7360, 45.0220, 10.0620**, and if you desaturate by 10%, it is **138.0480, 26.4080, 5.9920**.

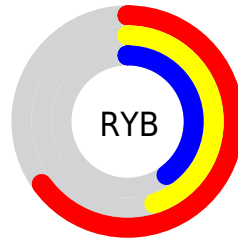
Distribution



Red (65%)

Green (44%)

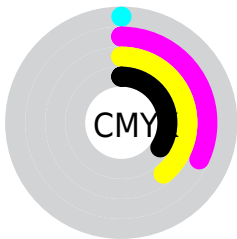
Blue (40%)



Red (65%)

Yellow (45%)

Blue (40%)

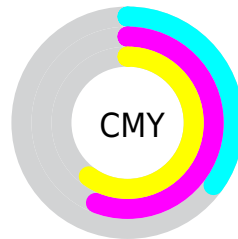


Cyan (0%)

Magenta (32%)

Yellow (39%)

Black (34%)



Cyan (35%)

Magenta (56%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 127.8920, 35.7150, 8.0270 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 127.8920, 35.7150, 8.0270 by changing the saturation by 10% instead.

■ 127.8920, 35.7150,
8.0270

■ 127.8920, 35.7150,
8.0270

■ 255.0000, -0.0000,
-0.0000

■ 102.4080, 34.2020,
7.9140

■ 181.2730, 39.0160,
8.7760

■ 77.6250, 32.0930,
7.5890

■ 208.8710, 40.2080,
9.2000

■ 54.5430, 29.3880,
7.0520

■ 228.9830, 25.0330,
3.3770

■ 31.6460, 27.6000,
6.4160

■ 249.3120, 7.7490,
-2.7710

■ 11.9600, 23.8400,
8.4800

■ 0.0000, 0.0000,
0.0000

■ 127.8920, 35.7150,
8.0270

■ 127.8920, 35.7150,
8.0270

■ 117.7360, 45.0220,
10.0620

■ 138.0480, 26.4080,
5.9920

■ 107.6940, 54.0080,
12.4080

■ 148.0900, 17.4220,
3.6460

■ 97.5380, 63.3150,
14.4430

■ 158.2460, 8.1150,
1.6110

■ 87.3820, 72.6220,
16.4780

■ 168.4020, -1.1920,
-0.4240

■ 77.9270, 81.3330,
18.3010

■ 177.9710,
-10.2240, -1.9360

■ 67.7710, 90.6400,
20.3360

■ 188.0130,
-19.2100, -4.2820

■ 66.3690, 91.8320,
20.7600

■ 198.1690,
-28.5170, -6.3170

■ 208.3250,

-37.8240, -8.3520

■ 218.3670,
-46.8100, -10.6980

Harmonies

Analogous

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



128.7100, 30.7160, 16.0280



127.8920, 35.7150, 8.0270



126.5290, 32.0030, -1.7970

Triad

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



127.8920, 35.7150, 8.0270



119.1570, -20.2160, -19.0960



125.0960, -26.2730, 8.0870

Complementary

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



127.8920, 35.7150, 8.0270



141.1080, -35.7150, -8.0270

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.



119.0070, -45.4360, -2.5560



127.8920, 35.7150, 8.0270



115.2610, -40.9400, -17.9640

Square

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



127.8920, 35.7150, 8.0270



122.2320, 1.5620, -17.3020



114.3770, -52.7700, -12.8180



128.5720, -3.9460, 16.4540

Rectangle

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



127.8920, 35.7150, 8.0270



125.4200, 24.7600, -8.2000



114.3770, -52.7700, -12.8180



123.0950, -33.7000, 5.0200

Sweetspot

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



127.8920, 35.7150, 8.0270



201.1220, 14.3960, 3.4200



127.5910, 21.4060, 30.5740



100.5450, 8.7110, 1.8230



237.0000, -0.0000, -0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



127.8920, 35.7150, 8.0270



155.4770, 56.1170, 12.7330



146.6760, 26.9150, -8.7090



78.9790, 4.4930, 1.1730



58.9270, 81.3330, 18.3010



7.7410, 11.0950, 2.6710

Inverse Universe

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



141.1080, -35.7150, -8.0270



176.5230, -56.1170, -12.7330



122.3240, -26.9150, 8.7090



81.0210, -4.4930, -1.1730



89.0730, -81.3330, -18.3010



12.2590, -11.0950, -2.6710

Previews

White Background



This preview shows how the YIQ color 127.8920, 35.7150, 8.0270 looks on a white background.

Color Contrast Check

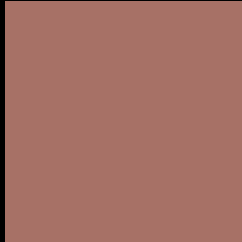
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 127.8920, 35.7150, 8.0270 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

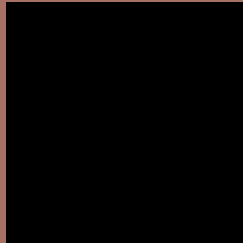
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YIQ 127.8920, 35.7150, 8.0270

Background



This preview shows how black text looks on a background with the YIQ color 127.8920, 35.7150, 8.0270.



This preview shows how white text looks on a background with the YIQ color 127.8920, 35.7150,

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

127.8920, 35.7150, 8.0270

Protanopia

126.1550, 9.6290, -3.8030

Deuteranopia

127.2660, 22.5580, -1.3300



Tritanopia

129.2540, 32.0000, 14.7840

Trichromacy



Original Color

127.8920, 35.7150, 8.0270

Protanomaly

126.4660, 19.1190, 0.4230

Deuteranomaly

127.7120, 27.2340, 2.0340

Tritanomaly

128.8580, 33.0550, 12.1830

Monochromacy



Original Color

127.8920, 35.7150, 8.0270

Achromatopsia

128.0000, -0.0000, -0.0000

Achromatomaly

128.2250, 12.6080, 2.7840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 127.8920, 35.7150, 8.0270 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(167, 113, 102)` looks like.

```
.text, #text, p{  
    color:rgb(167, 113, 102)  
}
```

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(167, 113, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 113, 102) }
```

Border

The CSS property to change the border of an element to YIQ 127.8920, 35.7150, 8.0270 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(167, 113, 102) }
```


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

```
.border{ border-color:rgb(167, 113, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 113, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 113, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 113, 102);  
box-shadow:4px 4px 4px 4px rgb(167, 113,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 127.8920, 35.7150, 8.0270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 113, 102) }
```

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

```
.background{ background-color: rgb(167,  
113, 102) }
```

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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