

Converting Colors

YIQ(113.0520, 20.5850, 6.8970)

Have a look what the booklet for
YIQ(113.0520, 20.5850, 6.8970)
contains.

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Color

**YIQ(113.0520, 20.5850,
6.8970)**

Conversions

Conversions Part 1

Format	Color
Hex	896766
RGB	137, 103, 102
RGB Percent	54%, 40%, 40%
CMY	0.4627, 0.5961, 0.5999
CMYK	0.00, 0.25, 0.26, 0.46
HSL	2°, 15%, 47%
HSV	2°, 26%, 54%
XYZ	17.5680, 15.9775, 14.7339
YIQ	113.0520, 20.5850, 6.8970

Conversions

Conversions Part 2

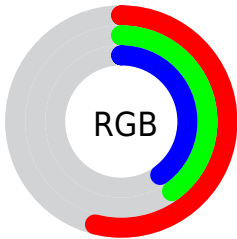
Format	Color
R_{YB}	137, 103, 102
Decimal	9004902
CIE Lab	46.94, 13.50, 5.85
CIE LCh	47, 14.713, 23.413
Yxy	15.9775, 0.3639, 0.3309
Android (android.graphics.Color)	4287194982 (0xFF896766)
YUV	113.0520, -5.4486, 21.0024
Hunter-Lab	39.9718, 8.5019, 6.1256

Details

The YIQ color **113.0520, 20.5850, 6.8970** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **125.9480, -20.5850, -6.8970**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.9490, 22.3730, 7.5330**, and **64.8560, 18.2010, 6.0490** is the 20% darker color. If you saturate the color by 10%, you get **103.8250, 28.6540, 9.3420**, and if you desaturate by 10%, it is **122.2790, 12.5160, 4.4520**.

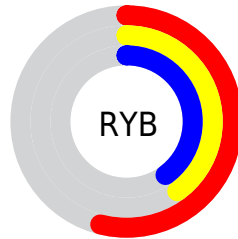
Distribution



Red (54%)

Green (40%)

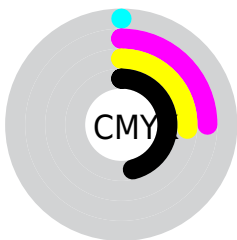
Blue (40%)



Red (54%)

Yellow (40%)

Blue (40%)

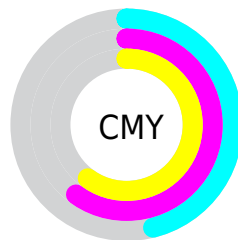


Cyan (0%)

Magenta (25%)

Yellow (26%)

Black (46%)



Cyan (46%)


Magenta (60%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.0520, 20.5850, 6.8970 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 113.0520, 20.5850, 6.8970 by changing the saturation by 10% instead.


 113.0520, 20.5850,
6.8970


 113.0520, 20.5850,
6.8970


255.0000, -0.0000,
-0.0000


 88.4540, 19.3930,
6.4730


 164.9490, 22.3730,
7.5330


 64.8560, 18.2010,
6.0490


 192.2480, 22.9690,
7.7450


 42.3720, 16.6880,
5.9360

 220.4330, 23.8860,
7.6460

 20.9590, 16.4130,
5.4130

 242.1540, 11.3700,
3.1940

 0.2990, 0.5960,
0.2120

 0.0000, 0.0000,
0.0000

■ 113.0520, 20.5850,
6.8970

■ 113.0520, 20.5850,
6.8970

■ 103.8250, 28.6540,
9.3420

■ 122.2790, 12.5160,
4.4520

■ 94.1250, 36.6770,
12.6210

■ 131.9790, 4.4930,
1.1730

■ 84.8980, 44.7460,
15.0660

■ 141.2060, -3.5760,
-1.2720

■ 75.6710, 52.8150,
17.5110

■ 150.4330,
-11.6450, -3.7170

■ 65.9710, 60.8380,
20.7900

■ 160.2470,
-19.9890, -6.6850

■ 56.7440, 68.9070,
23.2350

■ 169.3600,
-27.7370, -9.4410

■ 47.5170, 76.9760,
25.6800


■ 178.5870,
-35.8060, -11.8860

■ 43.3110, 80.5520,

■ 188.4010,

26.9520

-44.1500, -14.8540

 197.5140,
-51.8980, -17.6100

Harmonies

Analogous

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



113.6370, 14.6240, 10.3040



113.0520, 20.5850, 6.8970



112.4770, 20.5860, 1.3700

Triad

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



113.0520, 20.5850, 6.8970



108.3270, -5.7750, -10.9830



109.6420, -19.3030, 2.9130

Complementary

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



113.0520, 20.5850, 6.8970



125.9480, -20.5850, -6.8970

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.



107.2450, -25.6750, -2.7550



113.0520, 20.5850, 6.8970



106.6940, -17.0540, -10.3180

Square

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



113.0520, 20.5850, 6.8970



109.9540, 5.6410, -8.6230



106.0830, -25.3990, -7.7590



112.1490, -7.4290, 7.9870

Rectangle

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



113.0520, 20.5850, 6.8970



111.4010, 17.7440, -2.1920



106.0830, -25.3990, -7.7590



108.9190, -21.6410, 1.2310

Sweetspot

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



113.0520, 20.5850, 6.8970



169.0720, 8.6650, 2.6570



116.3410, 9.9460, 17.9940



83.2780, 5.0890, 1.3850



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



113.0520, 20.5850, 6.8970



140.9180, 32.8260, 10.8260



123.0310, 15.9100, -1.9940



64.0930, 4.1720, 1.4840



42.1150, 78.1680, 26.1040



1.4950, 2.9800, 1.0600

Inverse Universe

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



125.9480, -20.5850, -6.8970



161.0820, -32.8260, -10.8260



115.9690, -15.9100, 1.9940



66.9070, -4.1720, -1.4840



90.8850, -78.1680, -26.1040



3.5050, -2.9800, -1.0600

Previews

White Background



This preview shows how the YIQ color 113.0520, 20.5850, 6.8970 looks on a white background.

Color Contrast Check

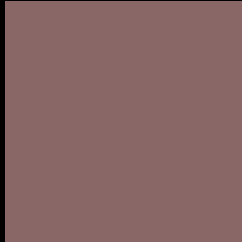
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.0520, 20.5850, 6.8970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

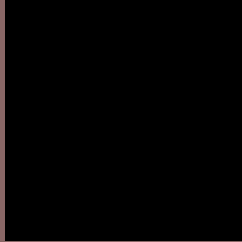
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.0520, 20.5850, 6.8970

Background



This preview shows how black text looks on a background with the YIQ color 113.0520, 20.5850, 6.8970.



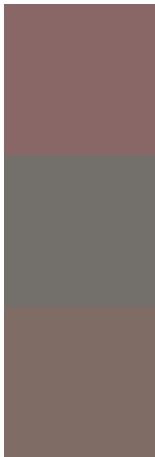
This preview shows how white text looks on a background with the YIQ color 113.0520, 20.5850,

6.8970.

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

113.0520, 20.5850, 6.8970

Protanopia

111.6260, 3.9890, -0.7070

Deuteranopia

112.5840, 12.9750, 1.6390



Tritanopia

113.6760, 18.8880, 10.1200

Trichromacy



Original Color

113.0520, 20.5850, 6.8970

Protanomaly

112.1430, 9.9030, 2.2470

Deuteranomaly

112.6060, 15.9090, 3.5330

Tritanomaly

113.3340, 19.8510, 9.1870

Monochromacy



Original Color

113.0520, 20.5850, 6.8970

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.8870, 7.7480, 2.7560

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.0520, 20.5850, 6.8970 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, 103, 102)` looks like.

```
.text, #text, p{  
    color:rgb(137, 103, 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(137, 103, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 103, 102) }
```

Border

The CSS property to change the border of an element to YIQ 113.0520, 20.5850, 6.8970 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, 103, 102) }
```


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

```
.border{ border-color:rgb(137, 103, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 103, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 103, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 103, 102);  
box-shadow:4px 4px 4px 4px rgb(137, 103,  
102) }
```

Background

The CSS property to change the background color of an element to YIQ 113.0520, 20.5850, 6.8970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 103, 102) }
```

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

```
.background{ background-color: rgb(137,  
103, 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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