

Converting Colors

YIQ(112.6210, 20.7210, 15.4490)

Have a look what the booklet for
YIQ(112.6210, 20.7210, 15.4490)
contains.

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Color

**YIQ(112.6210, 20.7210,
15.4490)**

Conversions

Conversions Part 1

Format	Color
Hex	8E6174
RGB	142, 97, 116
RGB Percent	56%, 38%, 45%
CMY	0.4430, 0.6197, 0.5450
CMYK	0.00, 0.32, 0.18, 0.44
HSL	335°, 19%, 47%
HSV	335°, 32%, 56%
XYZ	18.5869, 15.5607, 18.5521
YIQ	112.6210, 20.7210, 15.4490

Conversions

Conversions Part 2

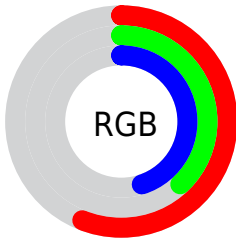
Format	Color
R_{YB}	142, 97, 116
Decimal	9331060
CIE Lab	46.39, 21.28, -3.30
CIE LCh	46, 21.539, 351.179
Yxy	15.5607, 0.3527, 0.2953
Android (android.graphics.Color)	4287521140 (0xFF8E6174)
YUV	112.6210, 1.6658, 25.7654
Hunter-Lab	39.4471, 15.0741, -0.2714

Details

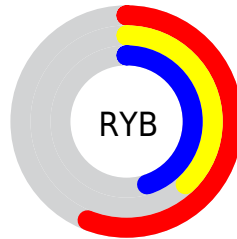
The YIQ color **112.6210, 20.7210, 15.4490** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **126.3790, -20.7210, -15.4490**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6320, 22.1880, 16.3960**, and **64.3110, 18.6580, 14.2900** is the 20% darker color. If you saturate the color by 10%, you get **103.4910, 27.1390, 20.2830**, and if you desaturate by 10%, it is **121.7510, 14.3030, 10.6150**.

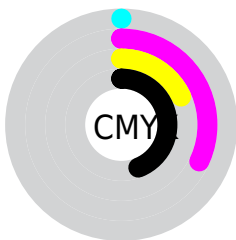
Distribution



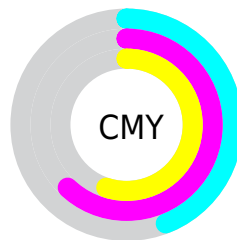
- Red (56%)
- Green (38%)
- Blue (45%)



- Red (56%)
- Yellow (38%)
- Blue (45%)



- Cyan (0%)
- Magenta (32%)
- Yellow (18%)
- Black (44%)



- Cyan (44%)
- Magenta (62%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.6210, 20.7210, 15.4490 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 112.6210, 20.7210, 15.4490 by changing the saturation by 10% instead.

■ 112.6210, 20.7210,
15.4490

■ 112.6210, 20.7210,
15.4490

■ 255.0000, -0.0000,
-0.0000

■ 87.9090, 19.8500,
14.7140

■ 164.6320, 22.1880,
16.3960

■ 64.3110, 18.6580,
14.2900

■ 192.2300, 23.3800,
16.8200

■ 41.4140, 16.8700,
13.6540

■ 219.9420, 24.2510,
17.5550

■ 18.6420, 16.2280,
14.2760

■ 240.5700, 7.5630,
11.6190

■ 4.1860, 8.3440,
2.9680

■ 0.0000, 0.0000,
0.0000

■ 112.6210, 20.7210,
15.4490

■ 112.6210, 20.7210,
15.4490

■ 103.4910, 27.1390,
20.2830

■ 121.7510, 14.3030,
10.6150

■ 94.3610, 33.5570,
25.1170

■ 130.8810, 7.8850,
5.7810

■ 84.5300, 40.5710,
30.1630

■ 140.7120, 0.8710,
0.7350

■ 75.4000, 46.9890,
34.9970

■ 149.8420, -5.5470,
-4.0990

■ 66.2700, 53.4070,
39.8310

■ 158.9720,
-11.9650, -8.9330

■ 57.1400, 59.8250,
44.6650


■ 168.1020,
-18.3830, -13.7670

■ 49.2980, 65.3720,
48.7640

■ 177.2320,
-24.8010, -18.6010

■ 187.0630,

-31.8150, -23.6470

 196.1930,
-38.2330, -28.4810

Harmonies

Analogous

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



112.7210, 5.8200, 15.6760



112.6210, 20.7210, 15.4490



111.7650, 28.8830, 10.6990

Triad

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



112.6210, 20.7210, 15.4490



107.5860, 9.4930, -12.3550



101.9270, -42.4550, -7.0230

Complementary

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



112.6210, 20.7210, 15.4490



126.3790, -20.7210, -15.4490

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.



100.4940, -39.9780, -13.3700



112.6210, 20.7210, 15.4490



105.2080, -7.0580, -15.2660

Square

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



112.6210, 20.7210, 15.4490



109.5170, 23.1090, -5.8110



102.6280, -25.8560, -16.0000



106.4820, -30.5360, 2.7440

Rectangle

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



112.6210, 20.7210, 15.4490



111.0870, 30.6720, 5.8080



102.6280, -25.8560, -16.0000



100.8620, -43.8300, -9.6380

Sweetspot

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



112.6210, 20.7210, 15.4490



171.5930, 8.7560, 6.5160



109.9040, 1.0510, 19.5070



84.7450, 5.2720, 3.5760



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.



112.6210, 20.7210, 15.4490



138.2360, 32.4110, 23.8590



112.2160, 25.9950, 7.9710



66.4350, 3.2090, 2.4170



46.8630, 62.1630, 46.3470



2.7340, 3.8050, 2.6290

Inverse Universe

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



112.6210, 20.7210, 15.4490



138.2360, 32.4110, 23.8590



126.7840, -25.9950, -7.9710



66.4350, 3.2090, 2.4170



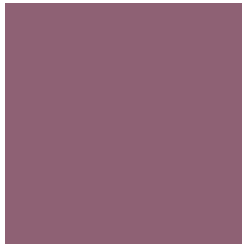
46.8630, 62.1630, 46.3470



2.7340, 3.8050, 2.6290

Previews

White Background



This preview shows how the YIQ color 112.6210, 20.7210, 15.4490 looks on a white background.

Color Contrast Check

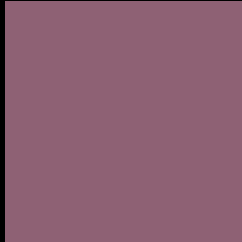
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.6210, 20.7210, 15.4490 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

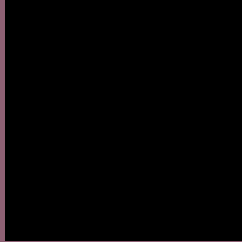
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.6210, 20.7210, 15.4490

Background



This preview shows how black text looks on a background with the YIQ color 112.6210, 20.7210, 15.4490.



This preview shows how white text looks on a background with the YIQ color 112.6210, 20.7210,

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

112.6210, 20.7210, 15.4490

Protanopia

110.4110, -5.4110, 4.4530

Deuteranopia

111.3860, 4.9050, 4.7210



Tritanopia

112.3560, 22.7850, 11.0810

Trichromacy



Original Color

112.6210, 20.7210, 15.4490

Protanomaly

111.3090, 3.8040, 8.1560

Deuteranomaly

111.5440, 10.4520, 8.8200

Tritanomaly

112.2250, 21.7760, 12.8480

Monochromacy



Original Color

112.6210, 20.7210, 15.4490

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.8810, 7.8850, 5.7810

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.6210, 20.7210, 15.4490 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(142, 97, 116)` looks like.

```
.text, #text, p{  
    color:rgb(142, 97, 116)  
}
```

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(142, 97, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 97, 116) }
```

Border

The CSS property to change the border of an element to YIQ 112.6210, 20.7210, 15.4490 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(142, 97, 116) }
```


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

```
.border{ border-color:rgb(142, 97, 116) }
```

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

Here you see how a box with a 4 pixel rgb(142, 97, 116) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 97, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 97, 116);  
box-shadow:4px 4px 4px 4px rgb(142, 97,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 112.6210, 20.7210, 15.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 97, 116) }
```

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

```
.background{ background-color: rgb(142, 97,  
116) }
```

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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