

Converting Colors

YIQ(113.2960, 32.1820, 22.5020)

Have a look what the booklet for
YIQ(113.2960, 32.1820, 22.5020)
contains.

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Color

**YIQ(113.2960, 32.1820,
22.5020)**

Conversions

Conversions Part 1

Format	Color
Hex	9E5A74
RGB	158, 90, 116
RGB Percent	62%, 35%, 45%
CMY	0.3802, 0.6472, 0.5450
CMYK	0.00, 0.43, 0.27, 0.38
HSL	337°, 27%, 49%
HSV	337°, 43%, 62%
XYZ	20.9172, 15.8428, 18.4869
YIQ	113.2960, 32.1820, 22.5020

Conversions

Conversions Part 2

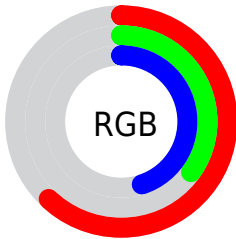
Format	Color
R_{YB}	158, 90, 116
Decimal	10377844
CIE Lab	46.77, 31.32, -2.53
CIE LCh	47, 31.425, 355.388
Yxy	15.8428, 0.3786, 0.2868
Android (android.graphics.Color)	4288567924 (0xFF9E5A74)
YUV	113.2960, 1.3331, 39.2054
Hunter-Lab	39.8030, 24.1497, 0.3244

Details

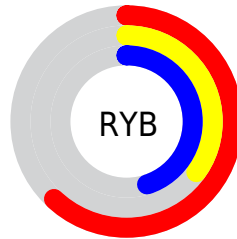
The YIQ color **113.2960, 32.1820, 22.5020** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **134.7040, -32.1820, -22.5020**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9050, 34.8410, 23.8730**, and **63.2140, 29.4770, 21.9650** is the 20% darker color. If you saturate the color by 10%, you get **102.7640, 39.7920, 27.7600**, and if you desaturate by 10%, it is **123.8280, 24.5720, 17.2440**.

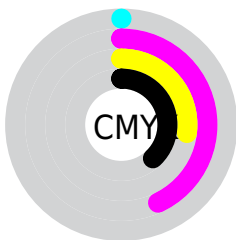
Distribution



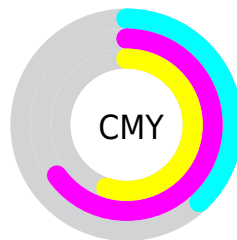
- Red (62%)
- Green (35%)
- Blue (45%)



- Red (62%)
- Yellow (35%)
- Blue (45%)



- Cyan (0%)
- Magenta (43%)
- Yellow (27%)
- Black (38%)



- Cyan (38%)
- Magenta (65%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.2960, 32.1820, 22.5020 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 113.2960, 32.1820, 22.5020 by changing the saturation by 10% instead.

■ 113.2960, 32.1820,
22.5020

■ 113.2960, 32.1820,
22.5020

■ 255.0000, -0.0000,
-0.0000

■ 87.6980, 30.9900,
22.0780

■ 165.9050, 34.8410,
23.8730

■ 63.2140, 29.4770,
21.9650

■ 193.5030, 36.0330,
24.2970

■ 38.8440, 27.6430,
22.1630

■ 216.7190, 26.4970,
20.9050

■ 18.9960, 24.1590,
19.2230

■ 236.4610, 9.4880,
15.2800

■ 9.3830, 18.1550,
6.8830

■ 253.8260, 0.5500,
1.0460

■ 0.0000, 0.0000,
0.0000

113.2960, 32.1820,
22.5020

113.2960, 32.1820,
22.5020

102.7640, 39.7920,
27.7600

123.8280, 24.5720,
17.2440

92.3460, 47.0810,
33.3290

134.3600, 16.9620,
11.9860

82.4010, 54.4160,
38.0640

144.1910, 9.9480,
6.9400

71.8690, 62.0260,
43.3220

154.7230, 2.3380,
1.6820

61.3370, 69.6360,
48.5800

165.2550, -5.2720,
-3.5760


54.0820, 74.9080,
52.1560

175.7870,
-12.8820, -8.8340

186.2050,
-20.1710, -14.4030

196.1500,

-27.5060, -19.1380

 206.6820,
-35.1160, -24.3960

Harmonies

Analogous

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



114.2860, 11.7790, 23.3230



113.2960, 32.1820, 22.5020



111.8160, 42.0410, 14.5290

Triad

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



113.2960, 32.1820, 22.5020



106.5550, 10.7780, -19.1260



88.5830, -82.7090, -15.3890

Complementary

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



113.2960, 32.1820, 22.5020



134.7040, -32.1820, -22.5020

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.



87.9500, -76.7930, -23.4890



113.2960, 32.1820, 22.5020



102.5610, -15.7220, -23.4500

Square

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



113.2960, 32.1820, 22.5020



109.1770, 29.7580, -10.6740



94.1410, -49.6500, -25.3140



104.3260, -47.5920, 3.4800

Rectangle

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



113.2960, 32.1820, 22.5020



111.4320, 42.8220, 5.8780



94.1410, -49.6500, -25.3140



89.0730, -81.3330, -18.3010

Sweetspot

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



113.2960, 32.1820, 22.5020



189.2130, 12.8820, 8.8340



110.3100, 3.2040, 30.0520



93.7670, 8.2060, 5.4700



232.0000, -0.0000, 0.0000



105.0000, 0.0000, 0.0000

Same Dimension

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



113.2960, 32.1820, 22.5020



135.9660, 51.2070, 35.6470



115.0280, 38.3280, 10.2320



73.7340, 3.8050, 2.6290



49.0270, 67.5730, 47.4210



5.1690, 7.0140, 5.0460

Inverse Universe

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



113.2960, 32.1820, 22.5020



135.9660, 51.2070, 35.6470



132.9720, -38.3280, -10.2320



73.7340, 3.8050, 2.6290



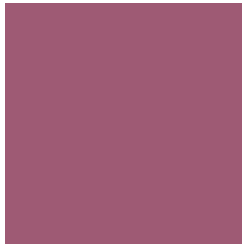
49.0270, 67.5730, 47.4210



5.1690, 7.0140, 5.0460

Previews

White Background



This preview shows how the YIQ color 113.2960, 32.1820, 22.5020 looks on a white background.

Color Contrast Check

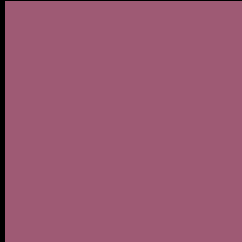
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.2960, 32.1820, 22.5020 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

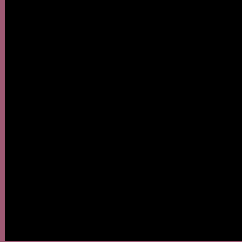
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.2960, 32.1820, 22.5020

Background



This preview shows how black text looks on a background with the YIQ color 113.2960, 32.1820, 22.5020.



This preview shows how white text looks on a background with the YIQ color 113.2960, 32.1820,

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

113.2960, 32.1820, 22.5020

Protanopia

111.5680, -7.2910, 5.4850

Deuteranopia

112.4570, 6.1430, 4.3110



Tritanopia

112.6350, 35.3010, 15.5330

Trichromacy



Original Color

113.2960, 32.1820, 22.5020

Protanomaly

112.2710, 6.9670, 11.4070

Deuteranomaly

112.3490, 15.4950, 11.0390

Tritanomaly

113.0310, 34.2460, 18.1340

Monochromacy



Original Color

113.2960, 32.1820, 22.5020

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

113.2020, 11.4150, 7.8870

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.2960, 32.1820, 22.5020 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(158, 90, 116)` looks like.

```
.text, #text, p{  
    color:rgb(158, 90, 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(158, 90, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 90, 116) }
```

Border

The CSS property to change the border of an element to YIQ 113.2960, 32.1820, 22.5020 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(158, 90, 116) }
```


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

```
.border{ border-color:rgb(158, 90, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 90, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 90, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 90, 116);  
box-shadow:4px 4px 4px 4px rgb(158, 90,  
116) }
```

Background

The CSS property to change the background color of an element to YIQ 113.2960, 32.1820, 22.5020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 90, 116) }
```

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

```
.background{ background-color: rgb(158, 90,  
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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