

Converting Colors

YIQ(113.5710, 32.1850, 5.9210)

Have a look what the booklet for
YIQ(113.5710, 32.1850, 5.9210)
contains.

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Color

**YIQ(113.5710, 32.1850,
5.9210)**

Conversions

Conversions Part 1

Format	Color
Hex	946558
RGB	148, 101, 88
RGB Percent	58%, 40%, 35%
CMY	0.4195, 0.6040, 0.6548
CMYK	0.00, 0.32, 0.41, 0.42
HSL	13°, 25%, 46%
HSV	13°, 41%, 58%
XYZ	18.6322, 16.3070, 11.4057
YIQ	113.5710, 32.1850, 5.9210

Conversions

Conversions Part 2

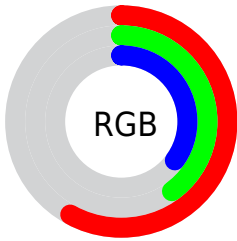
Format	Color
R_{YB}	148, 105, 88
Decimal	9725272
CIE Lab	47.37, 17.29, 14.99
CIE LCh	47, 22.880, 40.923
Yxy	16.3070, 0.4020, 0.3519
Android (android.graphics.Color)	4287915352 (0xFF946558)
YUV	113.5710, -12.6065, 30.1942
Hunter-Lab	40.3820, 11.6912, 11.5212

Details

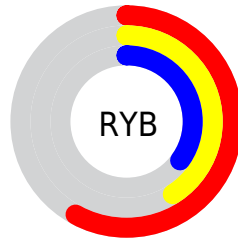
The YIQ color **113.5710, 32.1850, 5.9210** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **122.4290, -32.1850, -5.9210**, and the grayscale version is **114.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9520, 35.4860, 6.6700**, and **65.0050, 27.9670, 5.2710** is the 20% darker color. If you saturate the color by 10%, you get **104.8170, 40.3000, 7.5320**, and if you desaturate by 10%, it is **122.3250, 24.0700, 4.3100**.

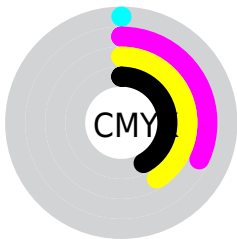
Distribution



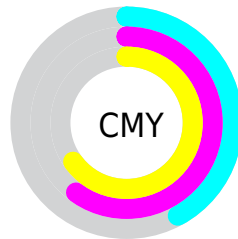
- Red (58%)
- Green (40%)
- Blue (35%)



- Red (58%)
- Yellow (41%)
- Blue (35%)



- Cyan (0%)
- Magenta (32%)
- Yellow (41%)
- Black (42%)



- Cyan (42%)
- Magenta (60%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 113.5710, 32.1850, 5.9210 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 113.5710, 32.1850, 5.9210 by changing the saturation by 10% instead.

■ 113.5710, 32.1850,
5.9210

■ 113.5710, 32.1850,
5.9210

■ 255.0000, -0.0000,
-0.0000

■ 88.7880, 30.0760,
5.5960

■ 165.9520, 35.4860,
6.6700

■ 65.0050, 27.9670,
5.2710

■ 193.1370, 36.4030,
6.5710

■ 42.2220, 25.8580,
4.9460

■ 219.5280, 33.7440,
5.2000

■ 20.5100, 24.9870,
4.2110

■ 239.1560, 17.0560,
-0.7360

■ 4.4850, 8.9400,
3.1800

■ 254.2020, 2.2470,
-2.1770

■ 0.0000, 0.0000,
0.0000

■ 113.5710, 32.1850,
5.9210

■ 113.5710, 32.1850,
5.9210

■ 104.8170, 40.3000,
7.5320

■ 122.3250, 24.0700,
4.3100

■ 96.6500, 48.1400,
8.6200

■ 130.4920, 16.2300,
3.2220

■ 88.0100, 55.9340,
10.5420

■ 139.1320, 8.4360,
1.3000

■ 79.8430, 63.7740,
11.6300

■ 147.2990, 0.5960,
0.2120

■ 71.0890, 71.8890,
13.2410

■ 156.0530, -7.5190,
-1.3990

■ 63.0360, 79.4080,
14.6400

■ 164.8070,
-15.6340, -3.0100

■ 172.9740,
-23.4740, -4.0980

■ 181.6140,

-31.2680, -6.0200

■ 189.7810,
-39.1080, -7.1080

Harmonies

Analogous

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



114.7590, 29.0200, 13.7240



113.5710, 32.1850, 5.9210



112.4360, 27.8310, -3.2810

Triad

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



113.5710, 32.1850, 5.9210



105.3250, -20.6290, -17.1170



111.8470, -21.1380, 8.6380

Complementary

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



113.5710, 32.1850, 5.9210



122.4290, -32.1850, -5.9210

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.



106.7690, -38.8340, -1.0580



113.5710, 32.1850, 5.9210



102.2120, -39.2440, -15.6600

Square

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



113.5710, 32.1850, 5.9210



108.3180, -1.5560, -15.8600



102.1820, -47.7270, -10.5990



114.8990, -0.5530, 15.5350

Rectangle

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



113.5710, 32.1850, 5.9210



110.9680, 20.2210, -8.5390



102.1820, -47.7270, -10.5990



110.4440, -27.3730, 5.9950

Sweetspot

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



113.5710, 32.1850, 5.9210



177.8120, 12.3330, 2.2610



111.4120, 20.3520, 27.6480



88.9470, 7.5190, 1.3990



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



113.5710, 32.1850, 5.9210



137.5470, 49.9280, 9.2560



130.5940, 24.2100, -9.2460



69.6800, 3.8970, 0.9610



58.8720, 73.9980, 13.5660



4.1640, 5.4100, 1.0740

Inverse Universe

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



122.4290, -32.1850, -5.9210



151.4530, -49.9280, -9.2560



105.4060, -24.2100, 9.2460



70.7330, -3.6220, -0.4380



79.1280, -73.9980, -13.5660



5.8360, -5.4100, -1.0740

Previews

White Background



This preview shows how the YIQ color 113.5710, 32.1850, 5.9210 looks on a white background.

Color Contrast Check

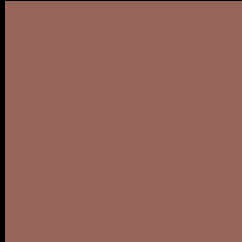
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.5710, 32.1850, 5.9210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

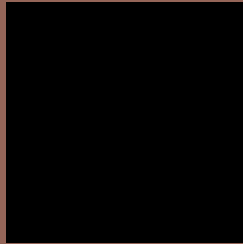
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.5710, 32.1850, 5.9210

Background



This preview shows how black text looks on a background with the YIQ color 113.5710, 32.1850, 5.9210.



This preview shows how white text looks on a background with the YIQ color 113.5710, 32.1850,

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

113.5710, 32.1850, 5.9210

Protanopia

111.9270, 10.2710, -4.4250

Deuteranopia

112.7820, 21.0450, -1.4430



Tritanopia

114.4600, 28.4240, 13.5120

Trichromacy



Original Color

113.5710, 32.1850, 5.9210

Protanomaly

112.6400, 18.5690, -0.6230

Deuteranomaly

112.8150, 25.4460, 1.3980

Tritanomaly

113.9500, 29.8000, 10.6000

Monochromacy



Original Color

113.5710, 32.1850, 5.9210

Achromatopsia

114.0000, 0.0000, 0.0000

Achromatomaly

113.6270, 11.4160, 2.3600

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.5710, 32.1850, 5.9210 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(148, 101, 88)` looks like.

```
.text, #text, p{  
    color:rgb(148, 101, 88)  
}
```

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(148, 101, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 101, 88) }
```

Border

The CSS property to change the border of an element to YIQ 113.5710, 32.1850, 5.9210 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(148, 101, 88) }
```


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

```
.border{ border-color:rgb(148, 101, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 101, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 101, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 101, 88);  
box-shadow:4px 4px 4px 4px rgb(148, 101,  
88) }
```

Background

The CSS property to change the background color of an element to YIQ 113.5710, 32.1850, 5.9210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 101, 88) }
```

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

```
.background{ background-color: rgb(148,  
101, 88) }
```

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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