

Converting Colors

YIQ(109.2210, 45.9350, 32.0710)

Have a look what the booklet for
YIQ(109.2210, 45.9350, 32.0710)
contains.

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Color

**YIQ(109.2210, 45.9350,
32.0710)**

Conversions

Conversions Part 1

Format	Color
Hex	AD4C71
RGB	173, 76, 113
RGB Percent	68%, 30%, 44%
CMY	0.3213, 0.7021, 0.5567
CMYK	0.00, 0.56, 0.35, 0.32
HSL	337°, 39%, 49%
HSV	337°, 56%, 68%
XYZ	22.8124, 15.2480, 17.3752
YIQ	109.2210, 45.9350, 32.0710

Conversions

Conversions Part 2

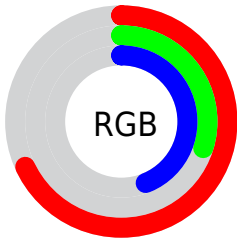
Format	Color
R_{YB}	173, 76, 113
Decimal	11357297
CIE _{Lab}	45.97, 43.61, -1.63
CIE _{LCh}	46, 43.638, 357.856
Yxy	15.2480, 0.4115, 0.2751
Android (android.graphics.Color)	4289547377 (0xFFAD4C71)
YUV	109.2210, 1.8630, 55.9342
Hunter-Lab	39.0487, 35.9449, 0.9524

Details

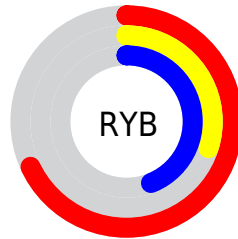
The YIQ color **109.2210, 45.9350, 32.0710** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **139.7790, -45.9350, -32.0710**, and the grayscale version is **109.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **163.6020, 49.2360, 32.8200**, and **55.3070, 42.8170, 33.5130** is the 20% darker color. If you saturate the color by 10%, you get **97.9880, 54.1410, 37.5410**, and if you desaturate by 10%, it is **120.4540, 37.7290, 26.6010**.

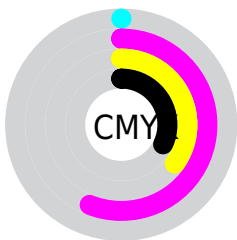
Distribution



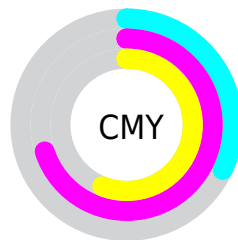
- Red (68%)
- Green (30%)
- Blue (44%)



- Red (68%)
- Yellow (30%)
- Blue (44%)



- Cyan (0%)
- Magenta (56%)
- Yellow (35%)
- Black (32%)





- Cyan (32%)
- Magenta (70%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 109.2210, 45.9350, 32.0710 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 109.2210, 45.9350, 32.0710 by changing the saturation by 10% instead.


 109.2210, 45.9350,
32.0710


 109.2210, 45.9350,
32.0710


255.0000, -0.0000,
-0.0000

 82.8510, 44.1010,
32.2690


 163.0150, 49.5110,
33.3430


 55.3070, 42.8170,
33.5130


 189.7050, 47.4480,
32.1840


 31.8120, 39.8370,
32.4530

 208.7460, 31.0350,
26.7710

 21.7580, 30.7610,
20.7210

 228.9610, 14.0720,
20.3120

 12.0740, 23.5190,
8.7910

 246.1950, 4.1250,
7.8450

 0.0000, 0.0000,
0.0000

■ 109.2210, 45.9350,
32.0710

■ 109.2210, 45.9350,
32.0710

■ 97.9880, 54.1410,
37.5410

■ 120.4540, 37.7290,
26.6010

■ 86.2820, 62.3010,
43.8450

■ 132.1600, 29.5690,
20.2970

■ 75.0490, 70.5070,
49.3150

■ 143.3930, 21.3630,
14.8270

■ 63.8160, 78.7130,
54.7850

■ 154.6260, 13.1570,
9.3570

■ 59.2510, 81.9220,
57.2020


■ 165.8590, 4.9510,
3.8870

■ 177.5650, -3.2090,
-2.4170

■ 188.7980,
-11.4150, -7.8870

■ 200.0310,

-19.6210, -13.3570

 211.7370,
-27.7810, -19.6610

Harmonies

Analogous

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



111.9160, 19.1130, 33.5850



109.2210, 45.9350, 32.0710



107.1770, 57.2620, 19.5180

Triad

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



109.2210, 45.9350, 32.0710



101.6440, 11.6050, -28.6110



90.9940, -88.1200, -10.9360

Complementary

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



109.2210, 45.9350, 32.0710



139.7790, -45.9350, -32.0710

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.



90.1500, -80.2320, -21.7360



109.2210, 45.9350, 32.0710



93.4080, -28.8330, -33.6410

Square

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



109.2210, 45.9350, 32.0710



104.9250, 38.9750, -18.0250



85.9320, -68.3550, -33.2430



87.6660, -89.7720, -3.0200

Rectangle

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



109.2210, 45.9350, 32.0710



107.6740, 56.7600, 6.5840



85.9320, -68.3550, -33.2430



91.2560, -86.1020, -14.4700

Sweetspot

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



109.2210, 45.9350, 32.0710



199.0720, 17.8330, 12.7210



104.9980, 4.6230, 42.8870



97.4900, 10.5440, 7.1520



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

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



109.2210, 45.9350, 32.0710



125.3480, 71.1030, 49.5270



111.4600, 54.7870, 14.8110



81.0330, 4.4010, 2.8410



51.3480, 71.1030, 49.5270



7.9030, 10.8190, 7.6750

Inverse Universe

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



109.2210, 45.9350, 32.0710



125.3480, 71.1030, 49.5270



137.5400, -54.7870, -14.8110



81.0330, 4.4010, 2.8410



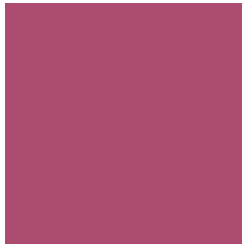
51.3480, 71.1030, 49.5270



7.9030, 10.8190, 7.6750

Previews

White Background



This preview shows how the YIQ color 109.2210, 45.9350, 32.0710 looks on a white background.

Color Contrast Check

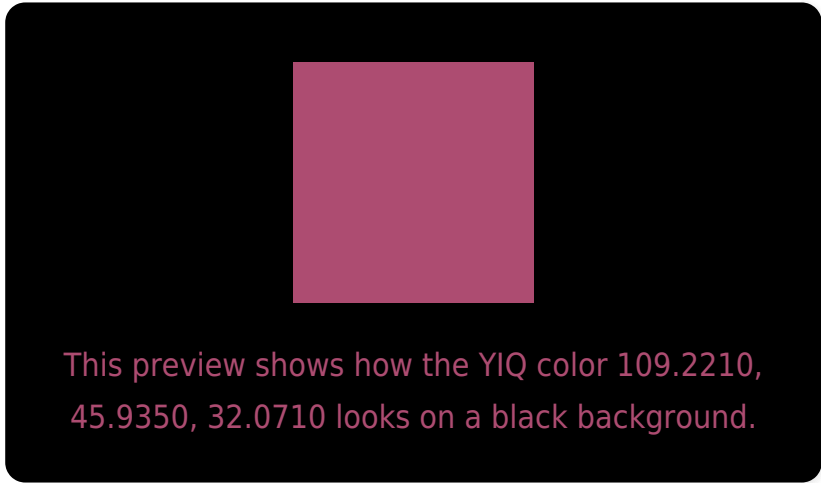
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

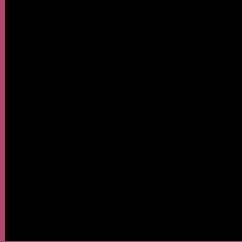
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 109.2210, 45.9350, 32.0710

Background



This preview shows how black text looks on a background with the YIQ color 109.2210, 45.9350, 32.0710.



This preview shows how white text looks on a background with the YIQ color 109.2210, 45.9350,

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

109.2210, 45.9350, 32.0710

Protanopia

109.6540, -10.4090, 6.9270

Deuteranopia

110.4140, 7.7020, 3.5900



Tritanopia

108.5940, 51.7140, 20.9460

Trichromacy



Original Color

109.2210, 45.9350, 32.0710

Protanomaly

109.2870, 10.0380, 16.3260

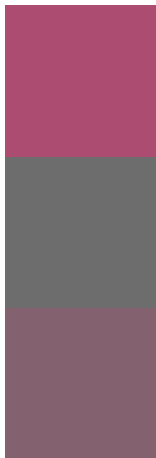
Deuteranomaly

109.8660, 21.4090, 13.9930

Tritanomaly

108.7450, 49.9710, 25.0030

Monochromacy



Original Color

109.2210, 45.9350, 32.0710

Achromatopsia

109.0000, -0.0000, 0.0000

Achromatomaly

108.9470, 16.6870, 11.4630

CSS Examples

Text

The CSS property to change the color of the text to YIQ 109.2210, 45.9350, 32.0710 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(173, 76, 113)` looks like.

```
.text, #text, p{  
    color:rgb(173, 76, 113)  
}
```

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(173, 76, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 76, 113) }
```

Border

The CSS property to change the border of an element to YIQ 109.2210, 45.9350, 32.0710 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(173, 76, 113) }
```


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

```
.border{ border-color:rgb(173, 76, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 76, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 76, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 76, 113);  
box-shadow:4px 4px 4px 4px rgb(173, 76,  
113) }
```

Background

The CSS property to change the background color of an element to YIQ 109.2210, 45.9350, 32.0710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 76, 113) }
```

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

```
.background{ background-color: rgb(173, 76,  
113) }
```

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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