

Converting Colors

YIQ(110.6590, 35.8940, 32.3260)

Have a look what the booklet for
YIQ(110.6590, 35.8940, 32.3260)
contains.

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Color

**YIQ(110.6590, 35.8940,
32.3260)**

Conversions

Conversions Part 1

Format	Color
Hex	A5507E
RGB	165, 80, 126
RGB Percent	65%, 31%, 49%
CMY	0.3527, 0.6864, 0.5058
CMYK	0.00, 0.52, 0.24, 0.35
HSL	328°, 35%, 48%
HSV	328°, 52%, 65%
XYZ	22.1630, 15.2448, 21.5223
YIQ	110.6590, 35.8940, 32.3260

Conversions

Conversions Part 2

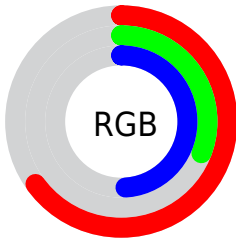
Format	Color
R_{YB}	165, 80, 126
Decimal	10834046
CIE _{Lab}	45.97, 40.65, -9.66
CIE _{LCh}	46, 41.782, 346.628
Yxy	15.2448, 0.3761, 0.2587
Android (android.graphics.Color)	4289024126 (0xFFA5507E)
YUV	110.6590, 7.5631, 47.6571
Hunter-Lab	39.0446, 32.9944, -5.3508

Details

The YIQ color **110.6590, 35.8940, 32.3260** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **134.3410, -35.8940, -32.3260**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **164.2680, 38.5530, 33.6970**, and **58.4030, 33.7390, 32.8350** is the 20% darker color. If you saturate the color by 10%, you get **99.7680, 43.1370, 38.7290**, and if you desaturate by 10%, it is **120.9630, 28.9260, 26.4460**.

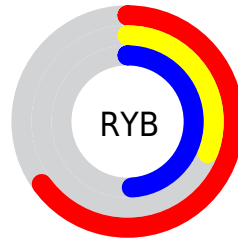
Distribution



Red (65%)

Green (31%)

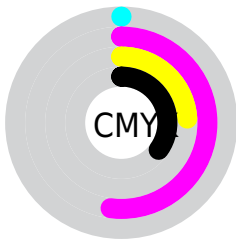
Blue (49%)



Red (65%)

Yellow (31%)

Blue (49%)

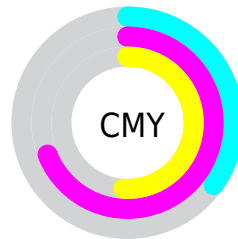


Cyan (0%)

Magenta (52%)

Yellow (24%)

Black (35%)



Cyan (35%)


Magenta (69%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 110.6590, 35.8940, 32.3260 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 110.6590, 35.8940, 32.3260 by changing the saturation by 10% instead.


 110.6590, 35.8940,
32.3260


 110.6590, 35.8940,
32.3260


255.0000, -0.0000,
-0.0000


 84.7620, 34.1060,
31.6900


 164.2680, 38.5530,
33.6970


 58.4030, 33.7390,
32.8350


 191.8660, 39.7450,
34.1210


 31.2720, 32.7300,
34.6020

 212.6900, 25.4410,
29.0330

 21.4030, 24.5710,
22.7710

 231.5200, 11.0000,
20.9200

 11.6760, 18.8880,
10.1200

 248.5430, 3.0250,
5.7530

 0.0000, 0.0000,
0.0000

■ 110.6590, 35.8940,
32.3260

■ 110.6590, 35.8940,
32.3260

■ 99.7680, 43.1370,
38.7290

■ 120.9630, 28.9260,
26.4460

■ 89.5780, 49.7840,
44.9200

■ 131.7400, 22.0040,
19.7320

■ 78.6870, 57.0270,
51.3230

■ 142.0440, 15.0360,
13.8520

■ 68.4970, 63.6740,
57.5140

■ 152.8210, 8.1140,
7.1380

■ 59.4810, 69.7710,
62.6590


■ 163.1250, 1.1460,
1.2580

■ 173.9020, -5.7760,
-5.4560

■ 184.7930,
-13.0190, -11.8590

■ 195.0970,

-19.9870, -17.7390

 205.8740,
-26.9090, -24.4530

Harmonies

Analogous

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



112.5660, 5.3590, 29.5430



110.6590, 35.8940, 32.3260



108.7730, 52.7680, 23.8720

Triad

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



110.6590, 35.8940, 32.3260



103.4390, 22.6080, -24.2720



90.9140, -85.1390, -15.4030

Complementary

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



110.6590, 35.8940, 32.3260



134.3410, -35.8940, -32.3260

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.



88.5540, -75.7380, -26.0900



110.6590, 35.8940, 32.3260



98.3840, -11.0900, -30.3060

Square

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



110.6590, 35.8940, 32.3260



105.7780, 44.0630, -11.1130



83.8630, -63.9070, -36.7630



88.8570, -88.9920, -6.1440

Rectangle

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



110.6590, 35.8940, 32.3260



107.7050, 55.4750, 13.3550



83.8630, -63.9070, -36.7630



90.4750, -82.5250, -18.7250

Sweetspot

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



110.6590, 35.8940, 32.3260



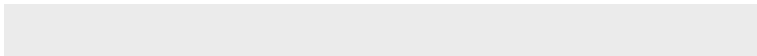
193.5060, 13.6150, 12.0710



101.0520, -4.6370, 34.4910



94.8210, 8.1140, 7.1380



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



110.6590, 35.8940, 32.3260



128.9750, 56.1560, 50.5880



105.8710, 49.3760, 19.2640



76.2610, 3.7590, 3.4630



52.3610, 61.0610, 55.3090



6.5220, 7.5180, 6.9260

Inverse Universe

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



110.6590, 35.8940, 32.3260



128.9750, 56.1560, 50.5880



139.1290, -49.3760, -19.2640



76.2610, 3.7590, 3.4630



52.3610, 61.0610, 55.3090



6.5220, 7.5180, 6.9260

Previews

White Background



This preview shows how the YIQ color 110.6590, 35.8940, 32.3260 looks on a white background.

Color Contrast Check

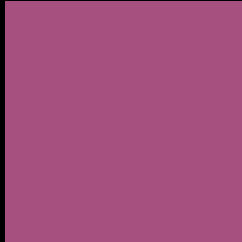
Large Text (above 18pt) WCAG AA ✓ Pass

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 110.6590, 35.8940, 32.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

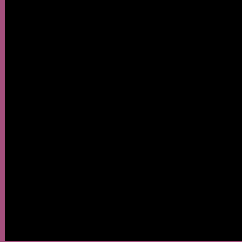
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 110.6590, 35.8940, 32.3260

Background



This preview shows how black text looks on a background with the YIQ color 110.6590, 35.8940, 32.3260.



This preview shows how white text looks on a background with the YIQ color 110.6590, 35.8940,

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

110.6590, 35.8940, 32.3260

Protanopia

109.5270, -17.2410, 9.5990

Deuteranopia

110.2160, -0.3680, 6.6720



Tritanopia

110.1090, 42.7740, 17.7660

Trichromacy



Original Color

110.6590, 35.8940, 32.3260

Protanomaly

110.0350, 2.0600, 17.7400

Deuteranomaly

110.7280, 13.1100, 15.7180

Tritanomaly

110.0150, 40.3430, 23.2790

Monochromacy



Original Color

110.6590, 35.8940, 32.3260

Achromatopsia

111.0000, -0.0000, 0.0000

Achromatomaly

111.0930, 13.3400, 11.5480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 110.6590, 35.8940, 32.3260 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(165, 80, 126)` looks like.

```
.text, #text, p{  
    color:rgb(165, 80, 126)  
}
```

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(165, 80, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 80, 126) }
```

Border

The CSS property to change the border of an element to YIQ 110.6590, 35.8940, 32.3260 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(165, 80, 126) }
```


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

```
.border{ border-color:rgb(165, 80, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 80, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 80, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 80, 126);  
box-shadow:4px 4px 4px 4px rgb(165, 80,  
126) }
```

Background

The CSS property to change the background color of an element to YIQ 110.6590, 35.8940, 32.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 80, 126) }
```

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

```
.background{ background-color: rgb(165, 80,  
126) }
```

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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