

Converting Colors

YIQ(112.3060, 35.3900, 30.4460)

Have a look what the booklet for
YIQ(112.3060, 35.3900, 30.4460)
contains.

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Color

**YIQ(112.3060, 35.3900,
30.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	A5537D
RGB	165, 83, 125
RGB Percent	65%, 33%, 49%
CMY	0.3527, 0.6746, 0.5097
CMYK	0.00, 0.50, 0.24, 0.35
HSL	329°, 33%, 49%
HSV	329°, 50%, 65%
XYZ	22.3228, 15.6680, 21.2589
YIQ	112.3060, 35.3900, 30.4460

Conversions

Conversions Part 2

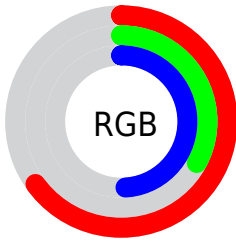
Format	Color
R_{YB}	165, 83, 125
Decimal	10834813
CIE _{Lab}	46.54, 38.94, -8.21
CIE _{LCh}	47, 39.794, 348.099
Yxy	15.6680, 0.3768, 0.2644
Android (android.graphics.Color)	4289024893 (0xFFA5537D)
YUV	112.3060, 6.2581, 46.2126
Hunter-Lab	39.5828, 31.3956, -4.1352

Details

The YIQ color **112.3060, 35.3900, 30.4460** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **135.6940, -35.3900, -30.4460**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **165.9150, 38.0490, 31.8170**, and **60.6370, 32.9600, 30.4320** is the 20% darker color. If you saturate the color by 10%, you get **101.4150, 42.6330, 36.8490**, and if you desaturate by 10%, it is **122.6100, 28.4220, 24.5660**.

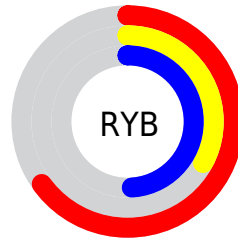
Distribution



Red (65%)

Green (33%)

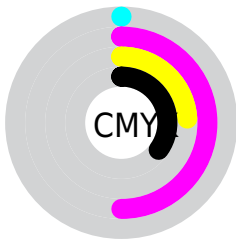
Blue (49%)



Red (65%)

Yellow (33%)

Blue (49%)

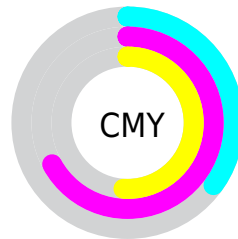


Cyan (0%)

Magenta (50%)

Yellow (24%)

Black (35%)



Cyan (35%)

Magenta (67%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 112.3060, 35.3900, 30.4460 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 112.3060, 35.3900, 30.4460 by changing the saturation by 10% instead.

■ 112.3060, 35.3900,
30.4460

■ 112.3060, 35.3900,
30.4460

■ 255.0000, -0.0000,
-0.0000

■ 86.7080, 34.1980,
30.0220

■ 165.9150, 38.0490,
31.8170

■ 60.6370, 32.9600,
30.4320

■ 193.5130, 39.2410,
32.2410

■ 32.6310, 33.0970,
33.4570

■ 214.3370, 24.9370,
27.1530

■ 21.2890, 24.8920,
22.4600

■ 233.2810, 10.1750,
19.3510

■ 11.8610, 19.8050,
10.0210

■ 250.3040, 2.2000,
4.1840

■ 0.0000, 0.0000,
0.0000

■ 112.3060, 35.3900,
30.4460

■ 112.3060, 35.3900,
30.4460

■ 101.4150, 42.6330,
36.8490

■ 122.6100, 28.4220,
24.5660

■ 91.1110, 49.6010,
42.7290

■ 133.5010, 21.1790,
18.1630

■ 80.2200, 56.8440,
49.1320

■ 143.8050, 14.2110,
12.2830

■ 69.9160, 63.8120,
55.0120

■ 154.6960, 6.9680,
5.8800

■ 59.0250, 71.0550,
61.4150


■ 165.0000, -0.0000,
-0.0000

■ 175.8910, -7.2430,
-6.4030

■ 186.7820,
-14.4860, -12.8060

■ 197.0860,

-21.4540, -18.6860

 207.9770,
-28.6970, -25.0890

Harmonies

Analogous

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



113.5230, 6.9180, 28.8220



112.3060, 35.3900, 30.4460



110.2350, 51.3470, 22.0910

Triad

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



112.3060, 35.3900, 30.4460



105.2970, 20.1320, -23.4520



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.



112.3060, 35.3900, 30.4460



135.6940, -35.3900, -30.4460

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.



89.3690, -76.6550, -25.9910



112.3060, 35.3900, 30.4460



100.1390, -11.7780, -28.8500

Square

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



112.3060, 35.3900, 30.4460



108.1090, 41.6330, -11.1270



84.7920, -65.1450, -36.3530



89.2160, -88.6250, -7.2890

Rectangle

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



112.3060, 35.3900, 30.4460



109.9820, 53.1370, 11.6730



84.7920, -65.1450, -36.3530



91.1760, -83.1210, -18.9370

Sweetspot

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



112.3060, 35.3900, 30.4460



193.5060, 13.6150, 12.0710



104.3080, -2.4820, 33.9820



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.



112.3060, 35.3900, 30.4460



131.7960, 55.1020, 47.6620



107.6320, 48.5510, 17.6950



76.2610, 3.7590, 3.4630



51.7910, 62.6660, 53.7540



6.4080, 7.8390, 6.6150

Inverse Universe

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



112.3060, 35.3900, 30.4460



131.7960, 55.1020, 47.6620



140.3680, -48.5510, -17.6950



76.2610, 3.7590, 3.4630



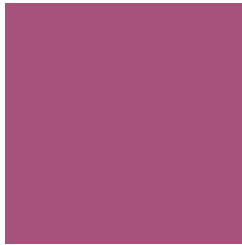
51.7910, 62.6660, 53.7540



6.4080, 7.8390, 6.6150

Previews

White Background



This preview shows how the YIQ color 112.3060, 35.3900, 30.4460 looks on a white background.

Color Contrast Check

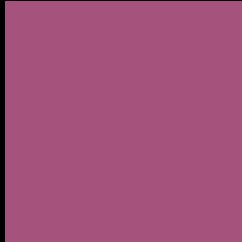
Large Text (above 18pt) WCAG AA ✓ Pass

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 112.3060, 35.3900, 30.4460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

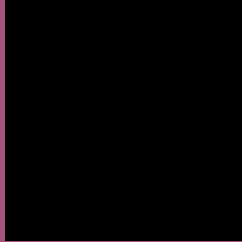
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 112.3060, 35.3900, 30.4460

Background



This preview shows how black text looks on a background with the YIQ color 112.3060, 35.3900, 30.4460.



This preview shows how white text looks on a background with the YIQ color 112.3060, 35.3900,

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

112.3060, 35.3900, 30.4460

Protanopia

111.3700, -15.3610, 8.5670

Deuteranopia

112.1730, 1.1910, 5.9510



Tritanopia

111.5110, 41.5820, 17.3420

Trichromacy



Original Color

112.3060, 35.3900, 30.4460

Protanomaly

111.5790, 3.3440, 16.4960

Deuteranomaly

112.0870, 13.4770, 14.5730

Tritanomaly

111.8900, 39.1970, 22.0210

Monochromacy



Original Color

112.3060, 35.3900, 30.4460

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

111.7940, 12.7440, 11.3360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 112.3060, 35.3900, 30.4460 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, 83, 125)` looks like.

```
.text, #text, p{  
    color:rgb(165, 83, 125)  
}
```

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, 83, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 83, 125) }
```

Border

The CSS property to change the border of an element to YIQ 112.3060, 35.3900, 30.4460 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, 83, 125) }
```


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

```
.border{ border-color:rgb(165, 83, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 83, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 83, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 83, 125);  
box-shadow:4px 4px 4px 4px rgb(165, 83,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 112.3060, 35.3900, 30.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 83, 125) }
```

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

```
.background{ background-color: rgb(165, 83,  
125) }
```

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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