

Converting Colors

YIQ(113.1050, 23.3750, 44.4550)

Have a look what the booklet for
YIQ(113.1050, 23.3750, 44.4550)
contains.

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Color

**YIQ(113.1050, 23.3750,
44.4550)**

Conversions

Conversions Part 1

Format	Color
Hex	A34EA3
RGB	163, 78, 163
RGB Percent	64%, 31%, 64%
CMY	0.3605, 0.6942, 0.3608
CMYK	0.00, 0.52, 0.00, 0.36
HSL	300°, 35%, 47%
HSV	300°, 52%, 64%
XYZ	24.4509, 15.8817, 36.4303
YIQ	113.1050, 23.3750, 44.4550

Conversions

Conversions Part 2

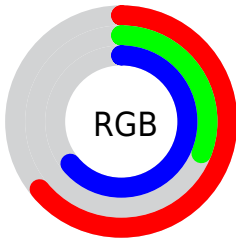
Format	Color
R_{YB}	163, 78, 163
Decimal	10702499
CIE _{Lab}	46.82, 47.23, -30.54
CIE _{LCh}	47, 56.238, 327.113
Yxy	15.8817, 0.3185, 0.2069
Android (android.graphics.Color)	4288892579 (0xFFA34EA3)
YUV	113.1050, 24.5982, 43.7579
Hunter-Lab	39.8519, 39.7770, -26.3032

Details

The YIQ color **113.1050, 23.3750, 44.4550** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **127.8950, -23.3750, -44.4550**, and the grayscale version is **113.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.5290, 25.1170, 45.9250**, and **59.3330, 22.7330, 45.0770** is the 20% darker color. If you saturate the color by 10%, you get **103.7130, 27.7750, 52.8230**, and if you desaturate by 10%, it is **122.4970, 18.9750, 36.0870**.

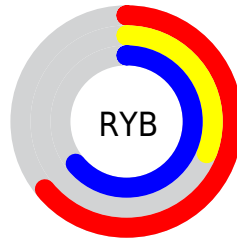
Distribution



Red (64%)

Green (31%)

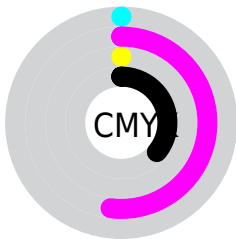
Blue (64%)



Red (64%)

Yellow (31%)

Blue (64%)

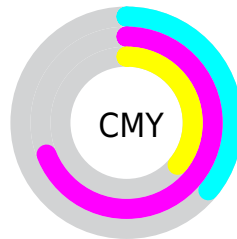


Cyan (0%)

Magenta (52%)

Yellow (0%)

Black (36%)



Cyan (36%)


Magenta (69%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 113.1050, 23.3750, 44.4550 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 113.1050, 23.3750, 44.4550 by changing the saturation by 10% instead.


 113.1050, 23.3750,
44.4550


 113.1050, 23.3750,
44.4550


255.0000, -0.0000,
-0.0000


 86.8060, 22.7790,
44.2430


 167.5290, 25.1170,
45.9250


 59.3330, 22.7330,
45.0770


 195.3550, 25.6670,
46.9710

 34.6210, 21.8620,
44.3420


 213.9100, 19.2500,
36.6100

 24.1110, 14.0700,
31.3660

 230.9330, 11.2750,
21.4430

 15.0250, 8.0200,
19.8600

 247.9560, 3.3000,
6.2760

 2.5250, -5.7320,
4.7640

 0.0000, 0.0000,

0.0000

■ 113.1050, 23.3750,
44.4550

■ 113.1050, 23.3750,
44.4550

■ 103.7130, 27.7750,
52.8230

■ 122.4970, 18.9750,
36.0870

■ 93.7340, 32.4500,
61.7140

■ 132.4760, 14.3000,
27.1960

■ 84.3420, 36.8500,
70.0820

■ 141.8680, 9.9000,
18.8280

■ 74.9500, 41.2500,
78.4500

■ 151.2600, 5.5000,
10.4600

■ 67.3190, 44.8250,
85.2490

■ 161.2390, 0.8250,
1.5690

■ 170.6310, -3.5750,
-6.7990

■ 180.0230, -7.9750,
-15.1670

■ 189.4150,
-12.3750, -23.5350

■ 199.3940,
-17.0500, -32.4260

Harmonies

Analogous

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



110.9440, -30.8160, 29.8560



113.1050, 23.3750, 44.4550



106.9550, 58.9080, 44.7640

Triad

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



113.1050, 23.3750, 44.4550



103.7720, 52.2270, -26.9170



94.9260, -85.4130, -21.4530

Complementary

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



113.1050, 23.3750, 44.4550



127.8950, -23.3750, -44.4550

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.



89.4540, -70.0050, -36.3810



113.1050, 23.3750, 44.4550



99.0340, 18.7140, -41.8140

Square

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



113.1050, 23.3750, 44.4550



106.3900, 69.0030, -0.5410



82.1070, -53.4510, -50.0510



96.7960, -96.1900, -7.8540

Rectangle

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



113.1050, 23.3750, 44.4550



105.6770, 71.0140, 34.6140



82.1070, -53.4510, -50.0510



93.6890, -80.5520, -26.9520

Sweetspot

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



113.1050, 23.3750, 44.4550



192.0420, 9.3500, 17.7820



87.6900, -27.2850, 26.4350



95.2600, 5.5000, 10.4600



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.



113.1050, 23.3750, 44.4550



133.3420, 36.8500, 70.0820



108.3170, 36.8570, 31.3930



76.7170, 2.4750, 4.7070



59.8850, 39.8750, 75.8350



7.4340, 4.9500, 9.4140

Inverse Universe

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



113.1050, 23.3750, 44.4550



133.3420, 36.8500, 70.0820



132.7970, -37.1780, -31.0820



76.7170, 2.4750, 4.7070



59.8850, 39.8750, 75.8350



7.4340, 4.9500, 9.4140

Previews

White Background



This preview shows how the YIQ color 113.1050, 23.3750, 44.4550 looks on a white background.

Color Contrast Check

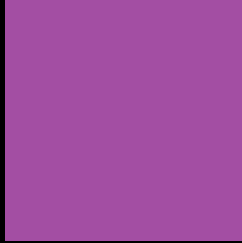
Large Text (above 18pt) WCAG AA ✓ Pass

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 113.1050, 23.3750, 44.4550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

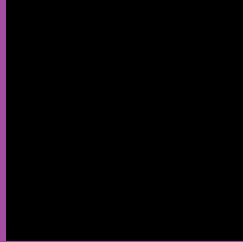
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 113.1050, 23.3750, 44.4550

Background



This preview shows how black text looks on a background with the YIQ color 113.1050, 23.3750, 44.4550.



This preview shows how white text looks on a background with the YIQ color 113.1050, 23.3750,

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

113.1050, 23.3750, 44.4550

Protanopia

108.6660, -45.0730, 18.4070

Deuteranopia

110.8730, -24.0270, 11.4370



Tritanopia

113.0370, 34.1090, 15.1090

Trichromacy



Original Color

113.1050, 23.3750, 44.4550

Protanomaly

110.3380, -20.3620, 27.6220

Deuteranomaly

111.5320, -6.4690, 23.6350

Tritanomaly

113.0340, 30.1640, 26.0360

Monochromacy



Original Color

113.1050, 23.3750, 44.4550

Achromatopsia

113.0000, -0.0000, 0.0000

Achromatomaly

112.8030, 8.5250, 16.2130

CSS Examples

Text

The CSS property to change the color of the text to YIQ 113.1050, 23.3750, 44.4550 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(163, 78, 163)` looks like.

```
.text, #text, p{  
    color:rgb(163, 78, 163)  
}
```

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(163, 78, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 78, 163) }
```

Border

The CSS property to change the border of an element to YIQ 113.1050, 23.3750, 44.4550 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(163, 78, 163) }
```


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

```
.border{ border-color:rgb(163, 78, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 78, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 78, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 78, 163);  
box-shadow:4px 4px 4px 4px rgb(163, 78,  
163) }
```

Background

The CSS property to change the background color of an element to YIQ 113.1050, 23.3750, 44.4550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 78, 163) }
```

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

```
.background{ background-color: rgb(163, 78,  
163) }
```

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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