

Converting Colors

YIQ(111.5250, 48.1350, 36.2550)

Have a look what the booklet for
YIQ(111.5250, 48.1350, 36.2550)
contains.

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Color

**YIQ(111.5250, 48.1350,
36.2550)**

Conversions

Conversions Part 1

Format	Color
Hex	B44B78
RGB	180, 75, 120
RGB Percent	71%, 29%, 47%
CMY	0.2938, 0.7060, 0.5293
CMYK	0.00, 0.58, 0.33, 0.29
HSL	334°, 41%, 50%
HSV	334°, 58%, 71%
XYZ	24.7446, 16.0950, 19.5844
YIQ	111.5250, 48.1350, 36.2550

Conversions

Conversions Part 2

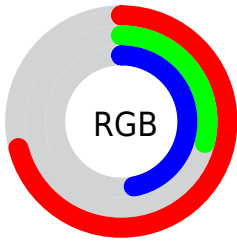
Format	Color
RYB	180, 75, 120
Decimal	11815800
CIELab	47.10, 47.29, -4.11
CIELCh	47, 47.464, 355.038
Yxy	16.0950, 0.4095, 0.2664
Android (android.graphics.Color)	4290005880 (0xFFB44B78)
YUV	111.5250, 4.1782, 60.0526
Hunter-Lab	40.1186, 39.8886, -0.8602

Details

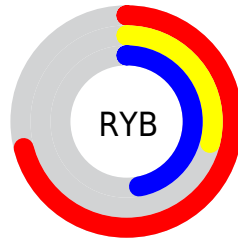
The YIQ color **111.5250, 48.1350, 36.2550** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **143.4750, -48.1350, -36.2550**, and the grayscale version is **111.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **166.2050, 52.0320, 37.2160**, and **55.2630, 46.1170, 39.7890** is the 20% darker color. If you saturate the color by 10%, you get **99.8190, 56.2950, 42.5590**, and if you desaturate by 10%, it is **123.2310, 39.9750, 29.9510**.

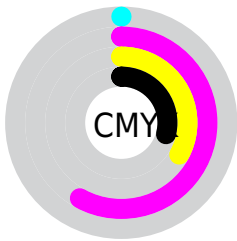
Distribution



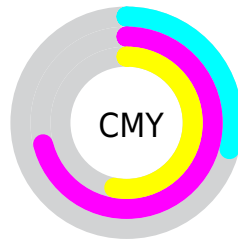
- Red (71%)
- Green (29%)
- Blue (47%)



- Red (71%)
- Yellow (29%)
- Blue (47%)



- Cyan (0%)
- Magenta (58%)
- Yellow (33%)
- Black (29%)





- Cyan (29%)
- Magenta (71%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 111.5250, 48.1350, 36.2550 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 111.5250, 48.1350, 36.2550 by changing the saturation by 10% instead.


 111.5250, 48.1350,
36.2550


 111.5250, 48.1350,
36.2550


255.0000, -0.0000,
-0.0000


 84.4540, 46.8970,
36.6650


 166.2050, 52.0320,
37.2160


 55.2630, 46.1170,
39.7890


 190.0300, 45.1550,
35.1950


 34.2900, 41.4870,
35.5910

 209.6580, 28.4670,
29.2590

 23.8230, 32.1360,
23.3360

 229.7590, 11.8250,
22.4890

 13.9820, 26.7740,
10.3740

 246.7820, 3.8500,
7.3220

 0.0000, 0.0000,
0.0000

■ 111.5250, 48.1350,
36.2550

■ 111.5250, 48.1350,
36.2550

■ 99.8190, 56.2950,
42.5590

■ 123.2310, 39.9750,
29.9510

■ 87.9990, 64.7760,
48.5520

■ 135.0510, 31.4940,
23.9580

■ 76.2930, 72.9360,
54.8560

■ 146.7570, 23.3340,
17.6540

■ 64.5870, 81.0960,
61.1600

■ 158.4630, 15.1740,
11.3500

■ 62.5980, 82.5630,
62.1070


■ 170.1690, 7.0140,
5.0460

■ 181.9890, -1.4670,
-0.9470

■ 193.6950, -9.6270,
-7.2510

■ 205.4010,

-17.7870, -13.5550

 217.2210,
-26.2680, -19.5480

Harmonies

Analogous

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



115.1270, 17.1410, 36.2850



111.5250, 48.1350, 36.2550



109.6230, 61.9380, 22.8820

Triad

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



111.5250, 48.1350, 36.2550



103.5150, 16.2820, -30.7740



94.6130, -91.4210, -11.6850

Complementary

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



111.5250, 48.1350, 36.2550



143.4750, -48.1350, -36.2550

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.



93.3130, -82.2490, -23.7290



111.5250, 48.1350, 36.2550



95.5990, -28.0530, -36.7650

Square

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



111.5250, 48.1350, 36.2550



106.9210, 44.7980, -18.9300



88.0520, -68.8130, -35.9570



91.0400, -93.7610, -2.3130

Rectangle

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



111.5250, 48.1350, 36.2550



109.8920, 62.0780, 9.3260



88.0520, -68.8130, -35.9570



94.7610, -89.0820, -15.5300

Sweetspot

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



111.5250, 48.1350, 36.2550



206.9090, 19.8500, 14.7140



104.9100, 2.0550, 45.3750



100.1420, 11.6440, 9.2440



245.0000, -0.0000, 0.0000



117.0000, -0.0000, 0.0000

Same Dimension

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



111.5250, 48.1350, 36.2550



127.4290, 75.5490, 57.0610



110.5040, 60.6550, 18.5990



83.1470, 4.0800, 3.1520



53.2710, 70.0020, 52.9620



9.0280, 11.9650, 8.9330

Inverse Universe

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



111.5250, 48.1350, 36.2550



127.4290, 75.5490, 57.0610



144.4960, -60.6550, -18.5990



83.1470, 4.0800, 3.1520



53.2710, 70.0020, 52.9620



9.0280, 11.9650, 8.9330

Previews

White Background



This preview shows how the YIQ color 111.5250, 48.1350, 36.2550 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 111.5250, 48.1350, 36.2550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

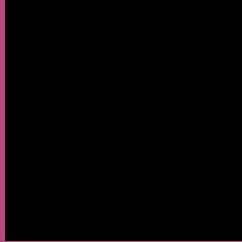
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.5250, 48.1350, 36.2550

Background



This preview shows how black text looks on a background with the YIQ color 111.5250, 48.1350, 36.2550.

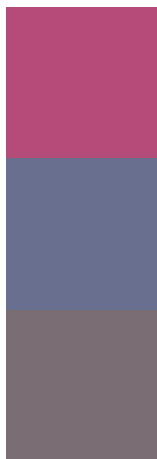


This preview shows how white text looks on a background with the YIQ color 111.5250, 48.1350,

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

111.5250, 48.1350, 36.2550

Protanopia

112.5550, -14.4440, 8.4680

Deuteranopia

113.5710, 5.8220, 4.6220



Tritanopia

110.9750, 55.0150, 21.6950

Trichromacy



Original Color

111.5250, 48.1350, 36.2550

Protanomaly

112.3840, 8.3870, 18.7150

Deuteranomaly

113.0340, 20.9960, 15.9720

Tritanomaly

110.8810, 52.5840, 27.2080

Monochromacy



Original Color

111.5250, 48.1350, 36.2550

Achromatopsia

112.0000, -0.0000, 0.0000

Achromatomaly

112.1860, 17.5120, 13.0320

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.5250, 48.1350, 36.2550 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(180, 75, 120)` looks like.

```
.text, #text, p{  
    color:rgb(180, 75, 120)  
}
```

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(180, 75, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 75, 120) }
```

Border

The CSS property to change the border of an element to YIQ 111.5250, 48.1350, 36.2550 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(180, 75, 120) }
```


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

```
.border{ border-color:rgb(180, 75, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 75, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(180, 75, 120); -webkit-box-shadow:4px 4px 4px 4px rgb(180, 75, 120); box-shadow:4px 4px 4px 4px rgb(180, 75, 120) }
```

Background

The CSS property to change the background color of an element to YIQ 111.5250, 48.1350, 36.2550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 75, 120) }
```

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

```
.background{ background-color: rgb(180, 75,  
120) }
```

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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