

Converting Colors

YIQ(111.9280, 37.1750, 47.6630)

Have a look what the booklet for
YIQ(111.9280, 37.1750, 47.6630)
contains.

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Color

**YIQ(111.9280, 37.1750,
47.6630)**

Conversions

Conversions Part 1

Format	Color
Hex	B14798
RGB	177, 71, 152
RGB Percent	69%, 28%, 60%
CMY	0.3056, 0.7217, 0.4038
CMYK	0.00, 0.60, 0.14, 0.31
HSL	314°, 43%, 49%
HSV	314°, 60%, 69%
XYZ	26.0687, 16.1247, 31.4535
YIQ	111.9280, 37.1750, 47.6630

Conversions

Conversions Part 2

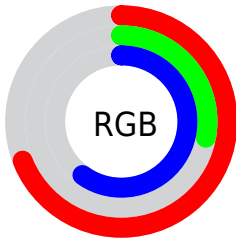
Format	Color
R_{YB}	177, 71, 152
Decimal	11618200
CIE _{Lab}	47.14, 52.72, -23.35
CIE _{LCh}	47, 57.656, 336.107
Yxy	16.1247, 0.3540, 0.2189
Android (android.graphics.Color)	4289808280 (0xFFB14798)
YUV	111.9280, 19.7555, 57.0681
Hunter-Lab	40.1556, 45.6086, -18.3323

Details

The YIQ color **111.9280, 37.1750, 47.6630** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **136.0720, -37.1750, -47.6630**, and the grayscale version is **112.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.1240, 39.5590, 48.5110**, and **50.6280, 38.3200, 54.4480** is the 20% darker color. If you saturate the color by 10%, you get **100.9060, 43.4090, 55.8330**, and if you desaturate by 10%, it is **122.9500, 30.9410, 39.4930**.

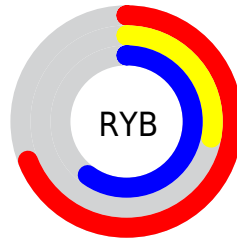
Distribution



Red (69%)

Green (28%)

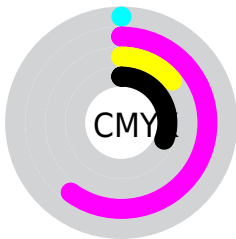
Blue (60%)



Red (69%)

Yellow (28%)

Blue (60%)

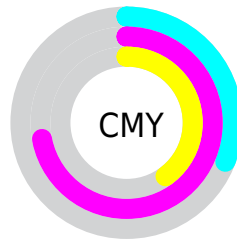


Cyan (0%)

Magenta (60%)

Yellow (14%)

Black (31%)



Cyan (31%)

Magenta (72%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 111.9280, 37.1750, 47.6630 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 111.9280, 37.1750, 47.6630 by changing the saturation by 10% instead.

■ 111.9280, 37.1750,
47.6630

■ 111.9280, 37.1750,
47.6630

■ 255.0000, -0.0000,
-0.0000

■ 84.1560, 36.5330,
48.2850

■ 167.2380, 39.2380,
48.8220

■ 50.6280, 38.3200,
54.4480

■ 192.2590, 34.7450,
47.6490

■ 36.8840, 31.3070,
43.8750

■ 210.9750, 20.6250,
39.2250

■ 26.4880, 23.1940,
31.2100

■ 227.9980, 12.6500,
24.0580

■ 16.8040, 15.9520,
19.2800

■ 245.0210, 4.6750,
8.8910

■ 0.3420, -0.9630,
0.9330

■ 0.0000, 0.0000,

0.0000

■ 111.9280, 37.1750,
47.6630

■ 111.9280, 37.1750,
47.6630

■ 100.9060, 43.4090,
55.8330

■ 122.9500, 30.9410,
39.4930

■ 90.4710, 49.3680,
63.4800

■ 133.3850, 24.9820,
31.8460

■ 79.3350, 55.9230,
71.3390

■ 144.5210, 18.4270,
23.9870

■ 68.3130, 62.1570,
79.5090

■ 155.5430, 12.1930,
15.8170

■ 165.9780, 6.2340,
8.1700

■ 177.0000, -0.0000,
0.0000

■ 188.0220, -6.2340,
-8.1700

■ 199.0440,
-12.4680, -16.3400

■ 209.5930,
-18.7480, -23.6760

Harmonies

Analogous

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



114.3270, -12.6610, 36.7390



111.9280, 37.1750, 47.6630



105.9790, 67.5280, 42.7280

Triad

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



111.9280, 37.1750, 47.6630



103.7060, 43.4250, -32.5990



97.2230, -90.5030, -17.3110

Complementary

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



111.9280, 37.1750, 47.6630



136.0720, -37.1750, -47.6630

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.



92.4520, -75.6910, -32.4510



111.9280, 37.1750, 47.6630



97.8950, 2.9880, -43.1560

Square

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



111.9280, 37.1750, 47.6630



106.3540, 68.6840, -11.2840



84.8770, -58.4950, -46.7430



97.3490, -99.1250, -4.2210

Rectangle

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



111.9280, 37.1750, 47.6630



106.1410, 75.2790, 28.9030



84.8770, -58.4950, -46.7430



96.1000, -85.9630, -22.4990

Sweetspot

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



111.9280, 37.1750, 47.6630



204.2060, 14.7600, 18.8560



90.5590, -19.1260, 38.2660



99.6410, 8.8010, 11.2090



242.0000, -0.0000, 0.0000



115.0000, -0.0000, 0.0000

Same Dimension

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



111.9280, 37.1750, 47.6630



127.9980, 58.4900, 74.3780



105.8860, 54.1880, 31.1800



83.4890, 3.1170, 4.0850



59.0850, 53.6310, 68.8230



9.9400, 9.3970, 11.4210

Inverse Universe

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



111.9280, 37.1750, 47.6630



127.9980, 58.4900, 74.3780



142.1140, -54.1880, -31.1800



83.4890, 3.1170, 4.0850



59.0850, 53.6310, 68.8230



9.9400, 9.3970, 11.4210

Previews

White Background



This preview shows how the YIQ color 111.9280, 37.1750, 47.6630 looks on a white background.

Color Contrast Check

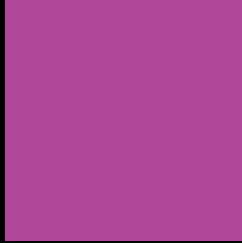
Large Text (above 18pt) WCAG AA ✓ Pass

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 111.9280, 37.1750, 47.6630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

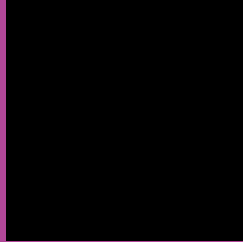
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 111.9280, 37.1750, 47.6630

Background



This preview shows how black text looks on a background with the YIQ color 111.9280, 37.1750, 47.6630.



This preview shows how white text looks on a background with the YIQ color 111.9280, 37.1750,

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

111.9280, 37.1750, 47.6630

Protanopia

110.3630, -39.8460, 17.2900

Deuteranopia

112.6090, -14.5360, 10.1360



Tritanopia

112.0990, 48.7340, 19.8860

Trichromacy



Original Color

111.9280, 37.1750, 47.6630



Protanomaly

110.9430, -11.8800, 28.0880



Deuteranomaly

112.3930, 4.1680, 23.5920



Tritanomaly

112.2700, 44.2390, 29.7670

Monochromacy



Original Color

111.9280, 37.1750, 47.6630



Achromatopsia

112.0000, -0.0000, 0.0000



Achromatomaly

112.0810, 13.6140, 17.5980

CSS Examples

Text

The CSS property to change the color of the text to YIQ 111.9280, 37.1750, 47.6630 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(177, 71, 152)` looks like.

```
.text, #text, p{  
    color:rgb(177, 71, 152)  
}
```

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(177, 71, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 71, 152) }
```

Border

The CSS property to change the border of an element to YIQ 111.9280, 37.1750, 47.6630 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(177, 71, 152) }
```


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

```
.border{ border-color:rgb(177, 71, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 71, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 71, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 71, 152);  
box-shadow:4px 4px 4px 4px rgb(177, 71,  
152) }
```

Background

The CSS property to change the background color of an element to YIQ 111.9280, 37.1750, 47.6630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 71, 152) }
```

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

```
.background{ background-color: rgb(177, 71,  
152) }
```

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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