

Converting Colors

YIQ(47.8410, 5.3620, 12.9620)

Have a look what the booklet for
YIQ(47.8410, 5.3620, 12.9620)
contains.

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Color

**YIQ(47.8410, 5.3620,
12.9620)**

Conversions

Conversions Part 1

Format	Color
Hex	3D2640
RGB	61, 38, 64
RGB Percent	24%, 15%, 25%
CMY	0.7607, 0.8510, 0.7490
CMYK	0.05, 0.41, 0.00, 0.75
HSL	293°, 26%, 20%
HSV	293°, 41%, 25%
XYZ	3.5438, 2.7485, 5.1943
YIQ	47.8410, 5.3620, 12.9620

Conversions

Conversions Part 2

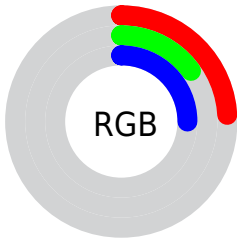
Format	Color
R_{YB}	61, 38, 64
Decimal	4007488
CIE _{Lab}	19.01, 16.15, -12.18
CIE _{LCh}	19, 20.224, 322.972
Yxy	2.7485, 0.3085, 0.2393
Android (android.graphics.Color)	4282197568 (0xFF3D2640)
YUV	47.8410, 7.9664, 11.5404
Hunter-Lab	16.5785, 9.1438, -6.9714

Details

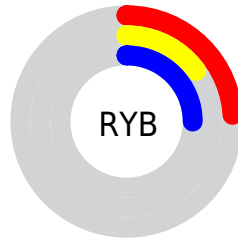
The YIQ color **47.8410, 5.3620, 12.9620** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **54.1590, -5.3620, -12.9620**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **94.0800, 6.1870, 14.5310**, and **7.5910, 3.0700, 10.4460** is the 20% darker color. If you saturate the color by 10%, you get **44.0200, 6.4160, 15.8880**, and if you desaturate by 10%, it is **51.6620, 4.3080, 10.0360**.

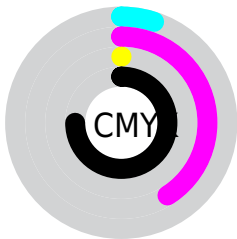
Distribution



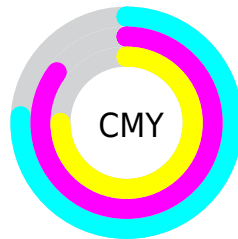
- Red (24%)
- Green (15%)
- Blue (25%)



- Red (24%)
- Yellow (15%)
- Blue (25%)



- Cyan (5%)
- Magenta (41%)
- Yellow (0%)
- Black (75%)



- Cyan (76%)
- Magenta (85%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.8410, 5.3620, 12.9620 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 47.8410, 5.3620, 12.9620 by changing the saturation by 10% instead.

47.8410, 5.3620,
12.9620

47.8410, 5.3620,
12.9620

255.0000, -0.0000,
-0.0000

26.4280, 5.0870,
12.4390

94.0800, 6.1870,
14.5310

7.5910, 3.0700,
10.4460

119.3790, 6.7830,
14.7430

0.0000, 0.0000,
0.0000

144.9060, 6.7370,
15.5770

171.3190, 7.0120,
16.1000

198.6180, 7.6080,
16.3120

226.7320, 7.2870,

16.6230

247.9560, 3.3000,
6.2760

47.8410, 5.3620,
12.9620

47.8410, 5.3620,
12.9620

44.0200, 6.4160,
15.8880

51.6620, 4.3080,
10.0360

39.9110, 8.3410,
19.5490

55.7710, 2.3830,
6.3750

36.0900, 9.3950,
22.4750

59.5920, 1.3290,
3.4490

31.6820, 10.7240,
25.9240

64.0000, -0.0000,
-0.0000

27.8610, 11.7780,
28.8500

67.8210, -1.0540,
-2.9260

■ 24.3390, 13.4280,
31.9880

■ 71.3430, -2.7040,
-6.0640

■ 75.7510, -4.0330,
-9.5130

■ 79.5720, -5.0870,
-12.4390

■ 83.9800, -6.4160,
-15.8880

Harmonies

Analogous

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



46.7080, -10.5010, 8.5950



47.8410, 5.3620, 12.9620



47.1860, 17.5120, 13.0320

Triad

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



47.8410, 5.3620, 12.9620



44.9940, 17.3320, -5.7400



38.1960, -33.1470, -10.5150

Complementary

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



47.8410, 5.3620, 12.9620



54.1590, -5.3620, -12.9620

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.



35.8990, -28.0570, -14.6570



47.8410, 5.3620, 12.9620



43.9710, 6.9710, -10.7010

Square

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



47.8410, 5.3620, 12.9620



46.1460, 23.0160, 1.3840



41.4900, -7.7920, -12.9760



38.3900, -36.4490, -5.7370

Rectangle

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



47.8410, 5.3620, 12.9620



46.6440, 21.9140, 10.3460



41.4900, -7.7920, -12.9760



37.6260, -31.5420, -12.0700

Sweetspot

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



47.8410, 5.3620, 12.9620



77.8310, 2.1540, 5.0180



42.7250, -9.1710, 6.5170



39.4780, 1.6500, 3.1380



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



47.8410, 5.3620, 12.9620



58.4380, 8.2950, 20.3830



47.5980, 10.3600, 10.4880



31.2390, 0.8250, 1.5690



36.7720, 20.1190, 48.3990



85.0370, 46.7000, 111.8520

Inverse Universe

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



46.1160, 14.5330, 6.4450



55.8290, 22.8310, 10.2470



54.4020, -10.3600, -10.4880



30.8970, 1.7880, 0.6360



30.2570, 54.2810, 23.9850



69.9400, 125.1580, 55.5740

Previews

White Background



This preview shows how the YIQ color 47.8410, 5.3620, 12.9620 looks on a white background.

Color Contrast Check

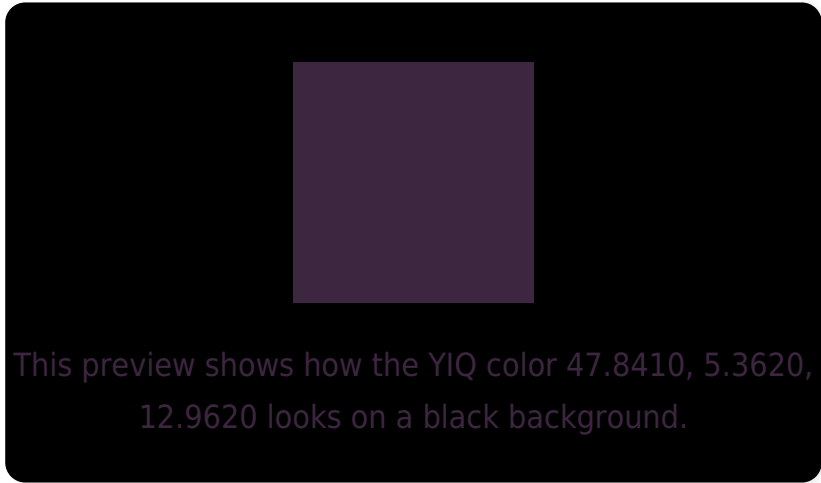
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

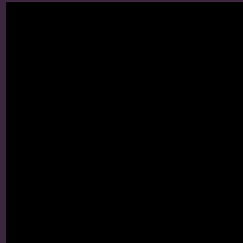
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.8410, 5.3620, 12.9620

Background



This preview shows how black text looks on a background with the YIQ color 47.8410, 5.3620, 12.9620.



This preview shows how white text looks on a background with the YIQ color 47.8410, 5.3620,

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

47.8410, 5.3620, 12.9620

Protanopia

46.3440, -12.4720, 5.7680

Deuteranopia

46.7420, -7.8410, 4.4390



Tritanopia

47.1260, 8.5730, 4.3250

Trichromacy



Original Color

47.8410, 5.3620, 12.9620

Protanomaly

46.7470, -6.2370, 8.4110

Deuteranomaly

47.0740, -2.8440, 7.4920

Tritanomaly

47.6360, 7.1970, 7.2370

Monochromacy



Original Color

47.8410, 5.3620, 12.9620

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

47.8310, 2.1540, 5.0180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.8410, 5.3620, 12.9620 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(61, 38, 64)` looks like.

```
.text, #text, p{  
    color:rgb(61, 38, 64)  
}
```

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(61, 38, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 38, 64) }
```

Border

The CSS property to change the border of an element to YIQ 47.8410, 5.3620, 12.9620 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(61, 38, 64) }
```


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

```
.border{ border-color:rgb(61, 38, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 38, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 38, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 38, 64);  
box-shadow:4px 4px 4px 4px rgb(61, 38, 64)  
}
```

Background

The CSS property to change the background color of an element to YIQ 47.8410, 5.3620, 12.9620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 38, 64) }
```

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

```
.background{ background-color: rgb(61, 38,  
64) }
```

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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