

Converting Colors

YIQ(47.2650, 7.1040, 14.4320)

Have a look what the booklet for
YIQ(47.2650, 7.1040, 14.4320)
contains.

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Color

**YIQ(47.2650, 7.1040,
14.4320)**

Conversions

Conversions Part 1

Format	Color
Hex	3F2440
RGB	63, 36, 64
RGB Percent	25%, 14%, 25%
CMY	0.7529, 0.8589, 0.7490
CMYK	0.02, 0.44, 0.00, 0.75
HSL	298°, 28%, 20%
HSV	298°, 44%, 25%
XYZ	3.6072, 2.6887, 5.1796
YIQ	47.2650, 7.1040, 14.4320

Conversions

Conversions Part 2

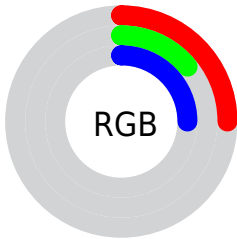
Format	Color
R_{YB}	63, 36, 64
Decimal	4138048
CIE _{Lab}	18.75, 18.24, -12.55
CIE _{LCh}	19, 22.139, 325.464
Yxy	2.6887, 0.3143, 0.2343
Android (android.graphics.Color)	4282328128 (0xFF3F2440)
YUV	47.2650, 8.2504, 13.7996
Hunter-Lab	16.3973, 10.5729, -7.2505

Details

The YIQ color **47.2650, 7.1040, 14.4320** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **52.7350, -7.1040, -14.4320**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **93.5040, 7.9290, 16.0010**, and **8.1890, 4.2620, 10.8700** is the 20% darker color. If you saturate the color by 10%, you get **43.7430, 8.7540, 17.5700**, and if you desaturate by 10%, it is **50.7870, 5.4540, 11.2940**.

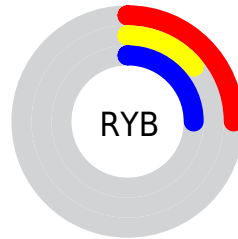
Distribution



Red (25%)

Green (14%)

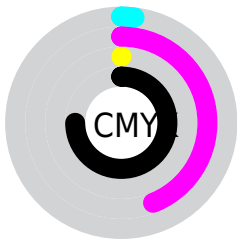
Blue (25%)



Red (25%)

Yellow (14%)

Blue (25%)

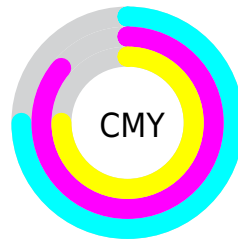


Cyan (2%)

Magenta (44%)

Yellow (0%)

Black (75%)



Cyan (75%)

Magenta (86%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 47.2650, 7.1040, 14.4320 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 47.2650, 7.1040, 14.4320 by changing the saturation by 10% instead.

47.2650, 7.1040,
14.4320

47.2650, 7.1040,
14.4320

255.0000, -0.0000,
-0.0000

25.5530, 6.2330,
13.6970

93.5040, 7.9290,
16.0010

8.1890, 4.2620,
10.8700

118.8030, 8.5250,
16.2130

0.0000, 0.0000,
0.0000

144.6290, 9.0750,
17.2590

171.0420, 9.3500,
17.7820

198.4550, 9.6250,
18.3050

226.4550, 9.6250,

18.3050

246.1950, 4.1250,
7.8450

47.2650, 7.1040,
14.4320

47.2650, 7.1040,
14.4320

43.7430, 8.7540,
17.5700

50.7870, 5.4540,
11.2940

39.6340, 10.6790,
21.2310

54.8960, 3.5290,
7.6330

35.8130, 11.7330,
24.1570

58.7170, 2.4750,
4.7070

31.7040, 13.6580,
27.8180

62.8260, 0.5500,
1.0460

28.1820, 15.3080,
30.9560

66.3480, -1.1000,
-2.0920

■ 25.8340, 16.4080,
33.0480

■ 69.8700, -2.7500,
-5.2300

■ 74.2780, -4.0790,
-8.6790

■ 77.8000, -5.7290,
-11.8170

■ 81.9090, -7.6540,
-15.4780

Harmonies

Analogous

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



46.0610, -9.9970, 10.4750



47.2650, 7.1040, 14.4320



46.4960, 19.5750, 14.1910

Triad

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



47.2650, 7.1040, 14.4320



44.2390, 18.0200, -7.1960



37.8370, -33.5140, -9.3700

Complementary

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



47.2650, 7.1040, 14.4320



52.7350, -7.1040, -14.4320

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.



36.0130, -28.3780, -14.3460



47.2650, 7.1040, 14.4320



42.7320, 6.1460, -12.2700

Square

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



47.2650, 7.1040, 14.4320



45.1030, 24.5750, 0.6630



39.8810, -10.4510, -14.3470



38.7320, -37.4120, -4.8040

Rectangle

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



47.2650, 7.1040, 14.4320



45.8400, 24.2980, 11.1940



39.8810, -10.4510, -14.3470



37.8540, -32.1840, -11.4480

Sweetspot

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



47.2650, 7.1040, 14.4320



77.5430, 3.0250, 5.7530



39.7790, -9.2630, 8.1850



38.8910, 1.9250, 3.6610



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.



47.2650, 7.1040, 14.4320



57.8730, 11.5040, 22.8000



46.0820, 11.8730, 10.6010



31.2390, 0.8250, 1.5690



39.1640, 24.8870, 50.0950



90.4190, 57.4280, 115.6680

Inverse Universe

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



44.4860, 16.3670, 6.2470



53.2700, 25.9030, 9.6390



53.9180, -11.8730, -10.6010



30.8970, 1.7880, 0.6360



29.3450, 56.8490, 21.4970



67.8880, 130.9360, 49.9760

Previews

White Background



This preview shows how the YIQ color 47.2650, 7.1040, 14.4320 looks on a white background.

Color Contrast Check

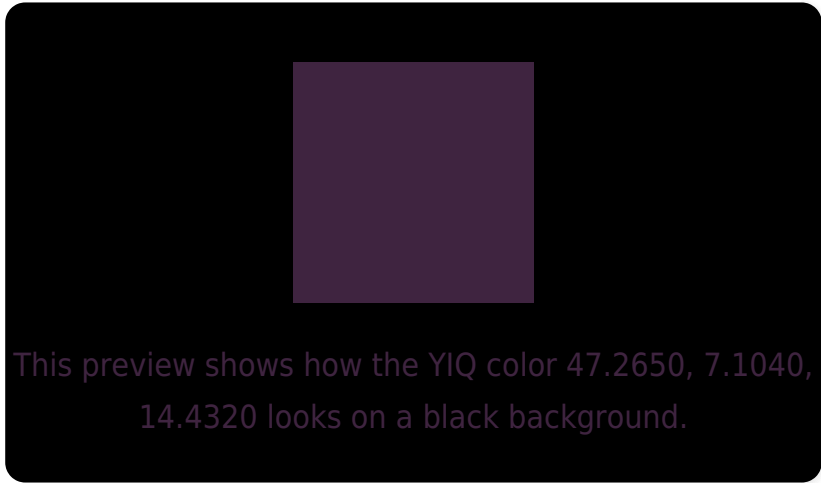
Large Text (above 18pt) WCAG AA ✓ Pass

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

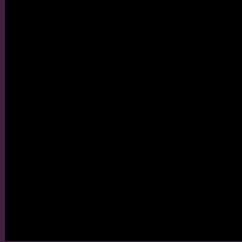
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 47.2650, 7.1040, 14.4320

Background



This preview shows how black text looks on a background with the YIQ color 47.2650, 7.1040, 14.4320.



This preview shows how white text looks on a background with the YIQ color 47.2650, 7.1040,

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

47.2650, 7.1040, 14.4320

Protanopia

45.6860, -13.4350, 6.7010

Deuteranopia

45.7420, -7.8410, 4.4390



Tritanopia

47.0230, 10.3610, 4.9610

Trichromacy



Original Color

47.2650, 7.1040, 14.4320

Protanomaly

46.2740, -6.2830, 9.2450

Deuteranomaly

46.4870, -2.5690, 8.0150

Tritanomaly

46.9460, 9.2600, 8.3960

Monochromacy



Original Color

47.2650, 7.1040, 14.4320

Achromatopsia

47.0000, 0.0000, 0.0000

Achromatomaly

47.1300, 2.7500, 5.2300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 47.2650, 7.1040, 14.4320 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(63, 36, 64)` looks like.

```
.text, #text, p{  
    color:rgb(63, 36, 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(63, 36, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 36, 64) }
```

Border

The CSS property to change the border of an element to YIQ 47.2650, 7.1040, 14.4320 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(63, 36, 64) }
```


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

```
.border{ border-color:rgb(63, 36, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 36, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 36, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 36, 64);  
box-shadow:4px 4px 4px 4px rgb(63, 36, 64)  
}
```

Background

The CSS property to change the background color of an element to YIQ 47.2650, 7.1040, 14.4320 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 36, 64) }
```

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

```
.background{ background-color: rgb(63, 36,  
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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