

Converting Colors

YIQ(48.7590, 2.6570, 12.4250)

Have a look what the booklet for
YIQ(48.7590, 2.6570, 12.4250)
contains.

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Color

**YIQ(48.7590, 2.6570,
12.4250)**

Conversions

Conversions Part 1

Format	Color
Hex	3B2843
RGB	59, 40, 67
RGB Percent	23%, 16%, 26%
CMY	0.7686, 0.8432, 0.7373
CMYK	0.12, 0.40, 0.00, 0.74
HSL	282°, 25%, 21%
HSV	282°, 40%, 26%
XYZ	3.5761, 2.8526, 5.6719
YIQ	48.7590, 2.6570, 12.4250

Conversions

Conversions Part 2

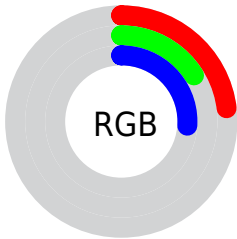
Format	Color
R_{YB}	59, 40, 67
Decimal	3876931
CIE _{Lab}	19.44, 14.77, -13.58
CIE _{LCh}	19, 20.068, 317.395
Yxy	2.8526, 0.2955, 0.2357
Android (android.graphics.Color)	4282067011 (0xFF3B2843)
YUV	48.7590, 8.9928, 8.9814
Hunter-Lab	16.8895, 8.2384, -8.0883

Details

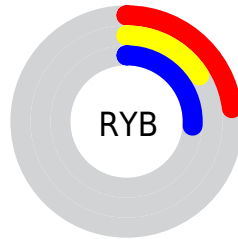
The YIQ color **48.7590, 2.6570, 12.4250** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **58.2410, -2.6570, -12.4250**, and the grayscale version is **49.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **94.9980, 3.4820, 13.9940**, and **7.6340, 1.5110, 11.1670** is the 20% darker color. If you saturate the color by 10%, you get **44.0520, 3.3900, 15.6620**, and if you desaturate by 10%, it is **53.4660, 1.9240, 9.1880**.

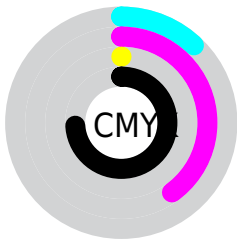
Distribution



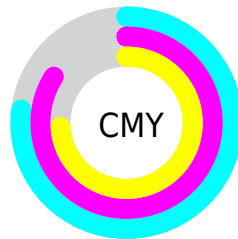
- Red (23%)
- Green (16%)
- Blue (26%)



- Red (23%)
- Yellow (16%)
- Blue (26%)



- Cyan (12%)
- Magenta (40%)
- Yellow (0%)
- Black (74%)



- Cyan (77%)
- Magenta (84%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 48.7590, 2.6570, 12.4250 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 48.7590, 2.6570, 12.4250 by changing the saturation by 10% instead.

■ 48.7590, 2.6570,
12.4250

■ 48.7590, 2.6570,
12.4250

■ 255.0000, -0.0000,
-0.0000

■ 27.3460, 2.3820,
11.9020

■ 94.9980, 3.4820,
13.9940

■ 7.6340, 1.5110,
11.1670

■ 120.1120, 3.1610,
14.3050

■ 0.0000, 0.0000,
0.0000

■ 145.5250, 3.4360,
14.8280

■ 172.5250, 3.4360,
14.8280

■ 199.9380, 3.7110,
15.3510

■ 227.7640, 4.2610,

16.3970

249.1300, 2.7500,
5.2300

48.7590, 2.6570,
12.4250

48.7590, 2.6570,
12.4250

44.0520, 3.3900,
15.6620

53.4660, 1.9240,
9.1880

39.9320, 3.8480,
18.3760

57.5860, 1.4660,
6.4740

35.2250, 4.5810,
21.6130

62.2930, 0.7330,
3.2370

30.5180, 5.3140,
24.8500

67.0000, -0.0000,
-0.0000

25.8110, 6.0470,
28.0870

71.1200, -0.4580,
-2.7140

■ 21.6910, 6.5050,
30.8010

■ 75.8270, -1.1910,
-5.9510

■ 80.5340, -1.9240,
-9.1880

■ 85.2410, -2.6570,
-12.4250

■ 89.3610, -3.1150,
-15.1390

Harmonies

Analogous

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



46.9140, -14.0770, 7.3230



48.7590, 2.6570, 12.4250



48.5170, 15.0820, 13.0180

Triad

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



48.7590, 2.6570, 12.4250



46.1190, 18.4780, -4.4820



38.5550, -32.7800, -11.6600

Complementary

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



48.7590, 2.6570, 12.4250



58.2410, -2.6570, -12.4250

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.



38.3510, -23.5180, -14.3180



48.7590, 2.6570, 12.4250



45.1670, 9.3550, -9.8530

Square

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



48.7590, 2.6570, 12.4250



47.0860, 23.2450, 2.7410



42.8710, -4.4910, -12.2270



38.8630, -36.4030, -6.5710

Rectangle

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



48.7590, 2.6570, 12.4250



47.6870, 20.3550, 11.0670



42.8710, -4.4910, -12.2270



37.9850, -31.1750, -13.2150

Sweetspot

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



48.7590, 2.6570, 12.4250



79.6460, 1.2370, 5.1170



47.7740, -10.8670, 4.2130



39.1790, 1.0540, 2.9260



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.



48.7590, 2.6570, 12.4250



58.4590, 3.8020, 19.2100



50.5810, 9.0300, 12.5660



30.9400, 0.2290, 1.3570



31.3900, 9.3910, 44.5830



72.7780, 22.2640, 103.1600

Inverse Universe

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



48.9850, 13.5240, 8.2120



58.9260, 21.1800, 12.6360



56.4190, -9.0300, -12.5660



31.0110, 1.4670, 0.9470



32.3090, 48.5030, 29.5830



74.5000, 112.3180, 68.0140

Previews

White Background



This preview shows how the YIQ color 48.7590, 2.6570, 12.4250 looks on a white background.

Color Contrast Check

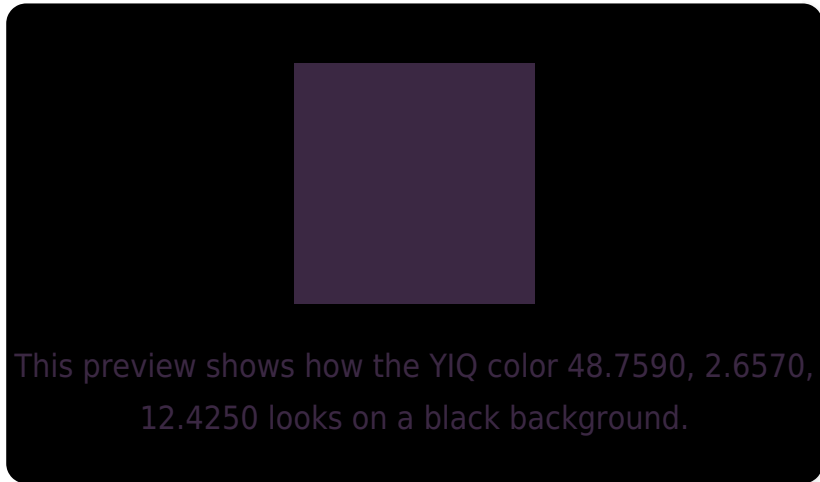
Large Text (above 18pt) WCAG AA ✓ Pass

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

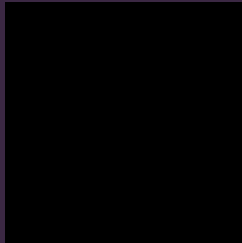
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 48.7590, 2.6570, 12.4250

Background



This preview shows how black text looks on a background with the YIQ color 48.7590, 2.6570, 12.4250.



This preview shows how white text looks on a background with the YIQ color 48.7590, 2.6570,

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

48.7590, 2.6570, 12.4250

Protanopia

47.1590, -13.3890, 5.8670

Deuteranopia

47.3720, -9.6750, 4.6370



Tritanopia

48.0440, 5.8680, 3.7880

Trichromacy



Original Color

48.7590, 2.6570, 12.4250

Protanomaly

47.5620, -7.1540, 8.5100

Deuteranomaly

47.7040, -4.6780, 7.6900

Tritanomaly

48.5540, 4.4920, 6.7000

Monochromacy



Original Color

48.7590, 2.6570, 12.4250

Achromatopsia

49.0000, -0.0000, -0.0000

Achromatomaly

49.2330, 0.9620, 4.5940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 48.7590, 2.6570, 12.4250 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(59, 40, 67)` looks like.

```
.text, #text, p{  
    color:rgb(59, 40, 67)  
}
```

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(59, 40, 67) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 40, 67) }
```

Border

The CSS property to change the border of an element to YIQ 48.7590, 2.6570, 12.4250 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(59, 40, 67) }
```


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

```
.border{ border-color:rgb(59, 40, 67) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 40, 67)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 40, 67); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 40, 67);  
box-shadow:4px 4px 4px 4px rgb(59, 40, 67)  
}
```

Background

The CSS property to change the background color of an element to YIQ 48.7590, 2.6570, 12.4250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 40, 67) }
```

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

```
.background{ background-color: rgb(59, 40,  
67) }
```

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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