

Converting Colors

YIQ(48.4950, -14.2150, 9.8250)

Have a look what the booklet for
YIQ(48.4950, -14.2150, 9.8250)
contains.

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Color

**YIQ(48.4950, -14.2150,
9.8250)**

Conversions

Conversions Part 1

Format	Color
Hex	292E51
RGB	41, 46, 81
RGB Percent	16%, 18%, 32%
CMY	0.8392, 0.8196, 0.6824
CMYK	0.49, 0.43, 0.00, 0.68
HSL	232°, 33%, 24%
HSV	232°, 49%, 32%
XYZ	3.3760, 3.0194, 8.1853
YIQ	48.4950, -14.2150, 9.8250

Conversions

Conversions Part 2

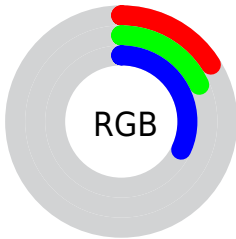
Format	Color
R_YB	41, 45, 81
Decimal	2698833
CIE Lab	20.12, 8.66, -22.13
CIE LCh	20, 23.766, 291.378
Yxy	3.0194, 0.2315, 0.2071
Android (android.graphics.Color)	4280888913 (0xFF292E51)
YUV	48.4950, 16.0250, -6.5731
Hunter-Lab	17.3764, 4.2718, -15.7654

Details

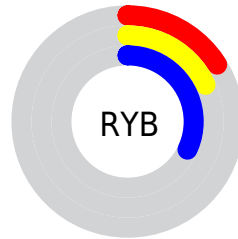
The YIQ color **48.4950, -14.2150, 9.8250** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **73.5050, 14.2150, -9.8250**, and the grayscale version is **48.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **95.5490, -14.3070, 11.4930**, and **4.1040, -11.5560, 11.1960** is the 20% darker color. If you saturate the color by 10%, you get **41.9940, -17.0580, 11.7900**, and if you desaturate by 10%, it is **54.9960, -11.3720, 7.8600**.

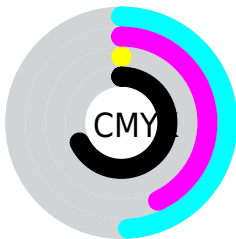
Distribution



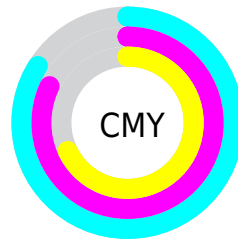
- Red (16%)
- Green (18%)
- Blue (32%)



- Red (16%)
- Yellow (18%)
- Blue (32%)



- Cyan (49%)
- Magenta (43%)
- Yellow (0%)
- Black (68%)



- Cyan (84%)
- Magenta (82%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 48.4950, -14.2150, 9.8250 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 48.4950, -14.2150, 9.8250 by changing the saturation by 10% instead.

■ 48.4950, -14.2150,
9.8250

■ 48.4950, -14.2150,
9.8250

■ 255.0000, -0.0000,
-0.0000

■ 26.3700, -15.3610,
8.5670

■ 95.5490, -14.3070,
11.4930

■ 4.1040, -11.5560,
11.1960

■ 120.0760,
-14.3530, 12.3270

■ 1.3680, -3.8520,
3.7320

■ 146.1900,
-14.6740, 12.6380

■ 0.0000, 0.0000,
0.0000

■ 172.6030,
-14.3990, 13.1610

■ 199.8310,
-15.0410, 13.7830

■ 226.3490,

-10.8680, 9.7400

252.0430, -1.5590,
0.7210

48.4950, -14.2150,
9.8250

48.4950, -14.2150,
9.8250

41.9940, -17.0580,
11.7900

54.9960, -11.3720,
7.8600

35.4930, -19.9010,
13.7550

61.4970, -8.5290,
5.8950

28.9920, -22.7440,
15.7200

67.9980, -5.6860,
3.9300

22.4910, -25.5870,
17.6850

74.4990, -2.8430,
1.9650

15.9900, -28.4300,
19.6500

81.0000, -0.0000,
0.0000

■ 15.1040, -28.7510,
19.9610

■ 88.3870, 3.1640,
-2.2760

■ 94.8880, 6.0070,
-4.2410

■ 101.3890, 8.8500,
-6.2060

■ 107.8900, 11.6930,
-8.1710

Harmonies

Analogous

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



39.9860, -40.9430, -1.3830



48.4950, -14.2150, 9.8250



50.3080, 5.5450, 15.1530

Triad

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



48.4950, -14.2150, 9.8250



47.8260, 26.9130, 2.3450



38.3610, -29.4780, -16.4380

Complementary

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



48.4950, -14.2150, 9.8250



73.5050, 14.2150, -9.8250

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.



42.7240, -8.5710, -15.3790



48.4950, -14.2150, 9.8250



47.2070, 21.0460, -6.9700

Square

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



48.4950, -14.2150, 9.8250



48.3950, 27.0490, 10.8970



45.2870, 8.8970, -12.5670



40.4130, -35.2560, -10.8400

Rectangle

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



48.4950, -14.2150, 9.8250



49.8100, 15.8150, 16.2550



45.2870, 8.8970, -12.5670



37.6880, -26.0850, -17.3570

Sweetspot

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



48.4950, -14.2150, 9.8250



91.9980, -5.6860, 3.9300



68.4700, -22.2350, -10.0350



45.7270, -3.4850, 2.5870



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



48.4950, -14.2150, 9.8250



54.7640, -22.1020, 15.0980



50.0450, -3.9000, 15.6200



37.4560, -1.2840, 1.2440



19.6010, -37.2800, 25.8560



43.4710, -82.4470, 56.9850

Inverse Universe

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



53.5300, 22.2350, 10.0350



62.4500, 34.3840, 15.6320



71.9550, 3.9000, -15.6200



38.1960, 2.3840, 0.8480



32.8770, 58.4070, 26.3030



72.6740, 128.9630, 58.2030

Previews

White Background



This preview shows how the YIQ color 48.4950, -14.2150, 9.8250 looks on a white background.

Color Contrast Check

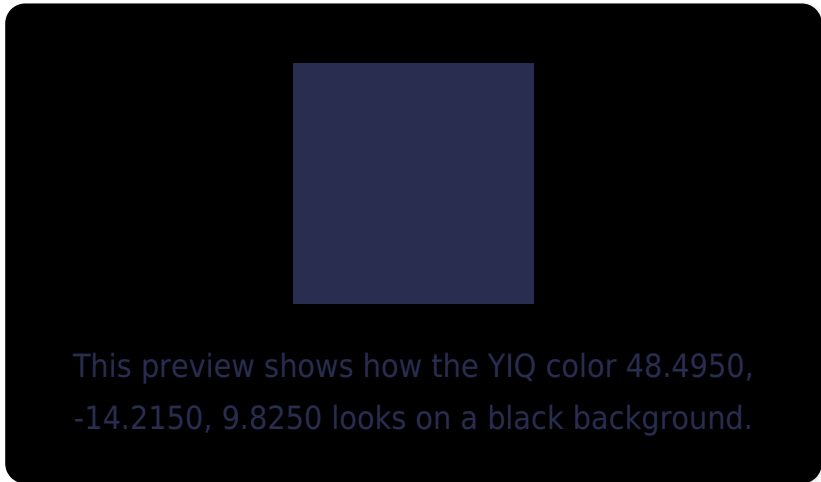
Large Text (above 18pt) WCAG AA ✓ Pass

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

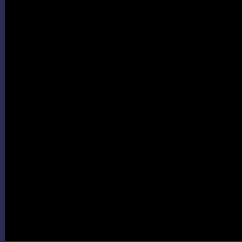
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 48.4950, -14.2150, 9.8250

Background



This preview shows how black text looks on a background with the YIQ color 48.4950, -14.2150, 9.8250.



This preview shows how white text looks on a background with the YIQ color 48.4950, -14.2150,

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

48.4950, -14.2150, 9.8250

Protanopia

47.1030, -18.9830, 8.1290

Deuteranopia

46.2550, -22.4670, 5.1890



Tritanopia

46.7750, -12.6080, -2.7840

Trichromacy



Original Color

48.4950, -14.2150, 9.8250

Protanomaly

48.0000, -17.1950, 8.7650

Deuteranomaly

47.1630, -19.2120, 6.7720

Tritanomaly

47.5240, -13.1590, 1.6970

Monochromacy



Original Color

48.4950, -14.2150, 9.8250

Achromatopsia

48.0000, -0.0000, 0.0000

Achromatomaly

47.8840, -5.3650, 3.6190

CSS Examples

Text

The CSS property to change the color of the text to YIQ 48.4950, -14.2150, 9.8250 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(41, 46, 81)` looks like.

```
.text, #text, p{  
    color:rgb(41, 46, 81)  
}
```

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(41, 46, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 46, 81) }
```

Border

The CSS property to change the border of an element to YIQ 48.4950, -14.2150, 9.8250 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(41, 46, 81) }
```


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

```
.border{ border-color:rgb(41, 46, 81) }
```

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

Here you see how a box with a 4 pixel rgb(41, 46, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 46, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 46, 81);  
box-shadow:4px 4px 4px 4px rgb(41, 46, 81)  
}
```

Background

The CSS property to change the background color of an element to YIQ 48.4950, -14.2150, 9.8250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 46, 81) }
```

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

```
.background{ background-color: rgb(41, 46,  
81) }
```

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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