

Converting Colors

YIQ(82.5500, -24.0750, 23.3250)

Have a look what the booklet for
YIQ(82.5500, -24.0750, 23.3250)
contains.

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Color

**YIQ(82.5500, -24.0750,
23.3250)**

Conversions

Conversions Part 1

Format	Color
Hex	4A4A95
RGB	74, 74, 149
RGB Percent	29%, 29%, 58%
CMY	0.7097, 0.7098, 0.4158
CMYK	0.50, 0.50, 0.00, 0.42
HSL	240°, 34%, 44%
HSV	240°, 50%, 58%
XYZ	10.6954, 8.5226, 29.4987
YIQ	82.5500, -24.0750, 23.3250

Conversions

Conversions Part 2

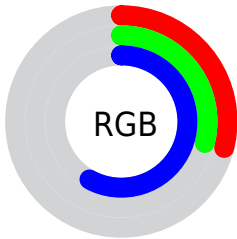
Format	Color
R_{YB}	74, 74, 149
Decimal	4868757
CIE _{Lab}	35.05, 21.36, -41.40
CIE _{LCh}	35, 46.582, 297.288
Yxy	8.5226, 0.2195, 0.1749
Android (android.graphics.Color)	4283058837 (0xFF4A4A95)
YUV	82.5500, 32.7599, -7.4983
Hunter-Lab	29.1935, 14.3075, -39.4745

Details

The YIQ color $82.5500, -24.0750, 23.3250$ is a dark color, and the websafe version is hex 333366 . A complement of this color would be $140.4500, 24.0750, -23.3250$, and the grayscale version is $82.0000, 0.0000, -0.0000$.

A 20% lighter version of the original color is $133.7290, -23.0210, 26.2510$, and $32.9680, -31.3640, 17.7560$ is the 20% darker color. If you saturate the color by 10%, you get $69.2600, -28.8900, 27.9900$, and if you desaturate by 10%, it is $95.8400, -19.2600, 18.6600$.

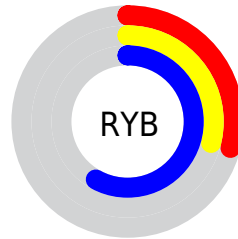
Distribution



Red (29%)

Green (29%)

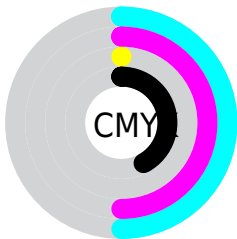
Blue (58%)



Red (29%)

Yellow (29%)

Blue (58%)

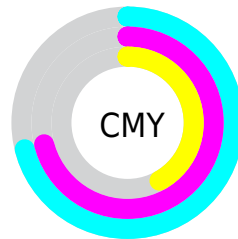


Cyan (50%)

Magenta (50%)

Yellow (0%)

Black (42%)



Cyan (71%)

Magenta (71%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.5500, -24.0750, 23.3250 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 82.5500, -24.0750, 23.3250 by changing the saturation by 10% instead.

■ 82.5500, -24.0750,
23.3250

■ 82.5500, -24.0750,
23.3250

■ 255.0000, -0.0000,
-0.0000

■ 58.0120, -25.4960,
21.5440

■ 133.7290,
-23.0210, 26.2510

■ 32.8540, -31.0430,
17.4450

■ 159.6690,
-22.7920, 27.6080

■ 13.6050, -25.9080,
17.9960

■ 186.5120,
-20.9120, 26.5760

■ 8.0480, -17.1500,
13.4580

■ 210.7330,
-11.6490, 18.3910

■ 4.3660, -9.5380,
7.6620

■ 236.4270, -2.3400,
9.3720

■ 0.0000, 0.0000,
0.0000

■ 82.5500, -24.0750,
23.3250

■ 82.5500, -24.0750,
23.3250

■ 69.2600, -28.8900,
27.9900

■ 95.8400, -19.2600,
18.6600

■ 55.9700, -33.7050,
32.6550

■ 109.1300,
-14.4450, 13.9950

■ 42.6800, -38.5200,
37.3200

■ 122.4200, -9.6300,
9.3300

■ 29.3900, -43.3350,
41.9850

■ 135.7100, -4.8150,
4.6650

■ 16.9860, -47.8290,
46.3390

■ 148.1140, -0.3210,
0.3110

■ 161.4040, 4.4940,
-4.3540

■ 174.6940, 9.3090,
-9.0190

■ 187.9840, 14.1240,

-13.6840

■ 201.2740, 18.9390,
-18.3490

Harmonies

Analogous

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



69.5540, -74.5970, 2.8030



82.5500, -24.0750, 23.3250



83.9700, 19.0210, 35.2530

Triad

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



82.5500, -24.0750, 23.3250



78.3760, 54.4230, -0.6250



67.0050, -52.2630, -27.5190

Complementary

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



82.5500, -24.0750, 23.3250



140.4500, 24.0750, -23.3250

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.



60.9120, -39.2400, -37.7680



82.5500, -24.0750, 23.3250



77.7570, 39.3880, -20.0040

Square

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



82.5500, -24.0750, 23.3250



77.6440, 57.4450, 21.7090



73.0910, 14.5400, -32.2440



71.3370, -64.4610, -15.7010

Rectangle

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



82.5500, -24.0750, 23.3250



80.5610, 39.2860, 36.9340



73.0910, 14.5400, -32.2440



64.9360, -47.8150, -31.0390

Sweetspot

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



82.5500, -24.0750, 23.3250



168.3060, -9.3090, 9.0190



126.5750, -44.7000, -15.9000



81.0520, -5.7780, 5.5980



224.0000, -0.0000, 0.0000



97.0000, -0.0000, 0.0000

Same Dimension

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



82.5500, -24.0750, 23.3250



91.2240, -37.2360, 36.0760



93.6130, -2.0230, 31.1690



67.7980, -2.2470, 2.1770



15.7320, -44.2980, 42.9180



1.1400, -3.2100, 3.1100

Inverse Universe

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



104.9750, 20.6250, 39.2250



125.9080, 31.9000, 60.6680



129.0880, 1.4270, -31.3810



69.8910, 1.9250, 3.6610



56.9940, 37.9500, 72.1740



4.1300, 2.7500, 5.2300

Previews

White Background



This preview shows how the YIQ color 82.5500, -24.0750, 23.3250 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



This preview shows how the YIQ color 82.5500, -24.0750, 23.3250 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

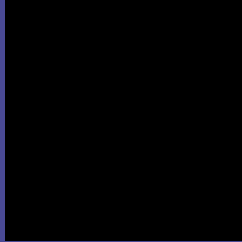
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.5500, -24.0750, 23.3250

Background



This preview shows how black text looks on a background with the YIQ color 82.5500, -24.0750, 23.3250.



This preview shows how white text looks on a background with the YIQ color 82.5500, -24.0750,

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

82.5500, -24.0750, 23.3250

Protanopia

77.1880, -46.7230, 15.2690

Deuteranopia

72.3450, -57.7710, 6.2370



Tritanopia

78.8280, -20.1270, -4.1830

Trichromacy



Original Color

82.5500, -24.0750, 23.3250

Protanomaly

79.3740, -38.3790, 18.2370

Deuteranomaly

75.7920, -45.6680, 12.6680

Tritanomaly

79.9670, -21.5960, 5.9240

Monochromacy



Original Color

82.5500, -24.0750, 23.3250

Achromatopsia

83.0000, -0.0000, 0.0000

Achromatomaly

83.0780, -8.6670, 8.3970

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.5500, -24.0750, 23.3250 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(74, 74, 149)` looks like.

```
.text, #text, p{  
    color:rgb(74, 74, 149)  
}
```

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(74, 74, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 74, 149) }
```

Border

The CSS property to change the border of an element to YIQ 82.5500, -24.0750, 23.3250 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(74, 74, 149) }
```


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

```
.border{ border-color:rgb(74, 74, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 74, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 74, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 74, 149);  
box-shadow:4px 4px 4px 4px rgb(74, 74,  
149) }
```

Background

The CSS property to change the background color of an element to YIQ 82.5500, -24.0750, 23.3250 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 74, 149) }
```

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

```
.background{ background-color: rgb(74, 74,  
149) }
```

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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