

Converting Colors

YIQ(82.2420, -12.4250, -0.5930)

Have a look what the booklet for
YIQ(82.2420, -12.4250, -0.5930)
contains.

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Color

**YIQ(82.2420, -12.4250,
-0.5930)**

Conversions

Conversions Part 1

Format	Color
Hex	46565F
RGB	70, 86, 95
RGB Percent	27%, 34%, 37%
CMY	0.7255, 0.6627, 0.6275
CMYK	0.26, 0.09, 0.00, 0.63
HSL	202°, 15%, 32%
HSV	202°, 26%, 37%
XYZ	7.9184, 8.7844, 12.1013
YIQ	82.2420, -12.4250, -0.5930

Conversions

Conversions Part 2

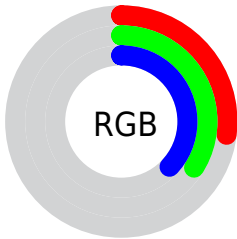
Format	Color
R_{YB}	70, 80, 95
Decimal	4609631
CIE Lab	35.57, -3.89, -7.25
CIE LCh	36, 8.230, 241.782
Yxy	8.7844, 0.2749, 0.3050
Android (android.graphics.Color)	4282799711 (0xFF46565F)
YUV	82.2420, 6.2897, -10.7362
Hunter-Lab	29.6385, -4.1781, -3.4609

Details

The YIQ color **82.2420, -12.4250, -0.5930** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **82.7580, 12.4250, 0.5930**, and the grayscale version is **82.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **131.9430, -13.0210, -0.8050**, and **37.1280, -12.1040, -0.9040** is the 20% darker color. If you saturate the color by 10%, you get **77.4910, -17.5600, -1.1440**, and if you desaturate by 10%, it is **86.6940, -7.8860, -0.2540**.

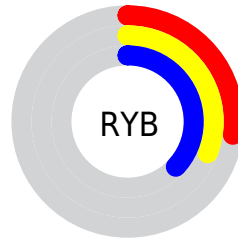
Distribution



Red (27%)

Green (34%)

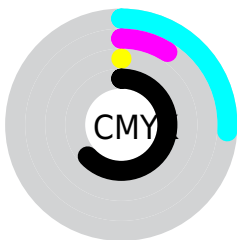
Blue (37%)



Red (27%)

Yellow (31%)

Blue (37%)

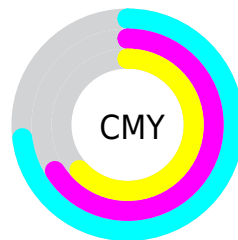


Cyan (26%)

Magenta (9%)

Yellow (0%)

Black (63%)



Cyan (73%)

Magenta (66%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 82.2420, -12.4250, -0.5930 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 82.2420, -12.4250, -0.5930 by changing the saturation by 10% instead.

■ 82.2420, -12.4250,
-0.5930

■ 82.2420, -12.4250,
-0.5930

■ 255.0000, -0.0000,
-0.0000

■ 59.1280, -12.1040,
-0.9040

■ 131.9430,
-13.0210, -0.8050

■ 37.1280, -12.1040,
-0.9040

■ 158.0570,
-13.3420, -0.4940

■ 16.1170, -13.5710,
-1.8510

■ 184.7580,
-13.9380, -0.7060

■ 0.0000, 0.0000,
0.0000

■ 212.7580,
-13.9380, -0.7060

■ 240.7580,
-13.9380, -0.7060

■ 82.2420, -12.4250,
-0.5930

■ 82.2420, -12.4250,
-0.5930

■ 77.4910, -17.5600,
-1.1440

■ 86.6940, -7.8860,
-0.2540

■ 72.4520, -21.8240,
-0.9600

■ 92.0320, -3.0260,
-0.2260

■ 67.7010, -26.9590,
-1.5110

■ 96.4840, 1.5130,
0.1130

■ 62.6620, -31.2230,
-1.3270

■ 101.8220, 6.3730,
0.1410

■ 57.9110, -36.3580,
-1.8780

■ 106.2740, 10.9120,
0.4800

■ 53.4590, -40.8970,
-2.2170

■ 111.0250, 16.0470,
1.0310

■ 48.4200, -45.1610,
-2.0330

■ 116.0640, 20.3110,
0.8470

■ 46.6370, -47.2700,

■ 120.8150, 25.4460,

-2.3580

1.3980

■ 125.8540, 29.7100,
1.2140

Harmonies

Analogous

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



81.3620, -12.8830, -3.3070



82.2420, -12.4250, -0.5930



83.3890, -8.3450, 2.5590

Triad

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



82.2420, -12.4250, -0.5930



84.8380, 9.4440, 5.0600



82.3220, 1.7890, -4.8910

Complementary

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



82.2420, -12.4250, -0.5930



82.7580, 12.4250, 0.5930

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.



83.4260, 7.4280, -2.4600



82.2420, -12.4250, -0.5930



85.0400, 11.6910, 2.8830

Square

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



82.2420, -12.4250, -0.5930



85.0270, 4.5380, 5.8660



83.8610, 10.6370, -0.0430



81.9730, -4.5380, -5.8660

Rectangle

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



82.2420, -12.4250, -0.5930



84.4820, -4.1730, 4.0430



83.8610, 10.6370, -0.0430



83.1050, 3.8980, -4.5660

Sweetspot

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



82.2420, -12.4250, -0.5930



117.5480, -4.5390, -0.3390



85.7010, -9.7640, -10.2760



58.0320, -3.0260, -0.2260



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



82.2420, -12.4250, -0.5930



102.1210, -19.3940, -0.9460



75.1980, -9.1250, 5.6830



46.2170, -2.1090, -0.3250



55.0320, -55.7520, -2.8240



117.7580, -119.3900, -5.9020

Inverse Universe

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



79.2990, 9.7640, 10.2760



97.5110, 15.2190, 16.0430



89.8020, 9.1250, -5.6830



45.5380, 1.4210, 1.7810



41.6960, 43.6400, 46.1360



89.3160, 93.6060, 98.7740

Previews

White Background



This preview shows how the YIQ color 82.2420, -12.4250, -0.5930 looks on a white background.

Color Contrast Check

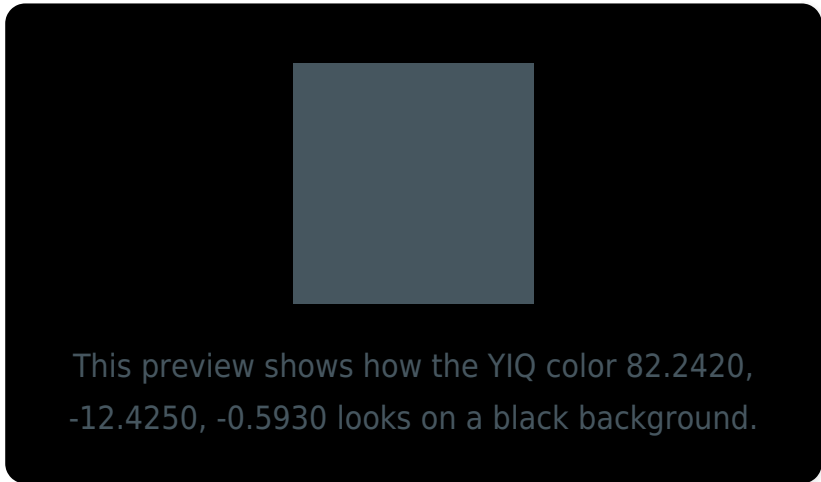
Large Text (above 18pt) WCAG AA ✓ Pass

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

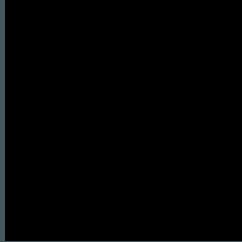
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 82.2420, -12.4250, -0.5930

Background



This preview shows how black text looks on a background with the YIQ color 82.2420, -12.4250, -0.5930.



This preview shows how white text looks on a background with the YIQ color 82.2420, -12.4250,

-0.5930.

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

82.2420, -12.4250, -0.5930

Protanopia

83.8410, -3.8060, 2.8980

Deuteranopia

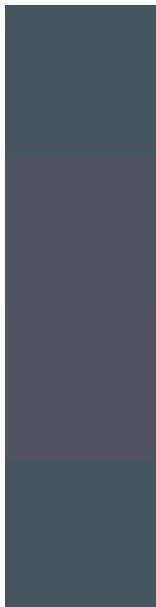
84.2050, -1.8350, 5.7250



Tritanopia

82.0140, -11.7830, -1.2150

Trichromacy



Original Color

82.2420, -12.4250, -0.5930

Protanomaly

83.3460, -6.7860, 1.8380

Deuteranomaly

83.5850, -5.9610, 3.4070

Tritanomaly

82.1280, -12.1040, -0.9040

Monochromacy



Original Color

82.2420, -12.4250, -0.5930

Achromatopsia

82.0000, 0.0000, -0.0000

Achromatomaly

81.9610, -4.2640, 0.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 82.2420, -12.4250, -0.5930 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(70, 86, 95)` looks like.

```
.text, #text, p{  
    color:rgb(70, 86, 95)  
}
```

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(70, 86, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 86, 95) }
```

Border

The CSS property to change the border of an element to YIQ 82.2420, -12.4250, -0.5930 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(70, 86, 95) }
```


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

```
.border{ border-color:rgb(70, 86, 95) }
```

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

Here you see how a box with a 4 pixel rgb(70, 86, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(70, 86, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(70, 86, 95);  
box-shadow:4px 4px 4px 4px rgb(70, 86, 95)  
}
```

Background

The CSS property to change the background color of an element to YIQ 82.2420, -12.4250, -0.5930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 86, 95) }
```

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

```
.background{ background-color: rgb(70, 86,  
95) }
```

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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