

Converting Colors

YIQ(70.0460, -22.8360, 17.3880)

Have a look what the booklet for
YIQ(70.0460, -22.8360, 17.3880)
contains.

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Color

**YIQ(70.0460, -22.8360,
17.3880)**

Conversions

Conversions Part 1

Format	Color
Hex	3B417D
RGB	59, 65, 125
RGB Percent	23%, 25%, 49%
CMY	0.7686, 0.7451, 0.5099
CMYK	0.53, 0.48, 0.00, 0.51
HSL	235°, 36%, 36%
HSV	235°, 53%, 49%
XYZ	7.3939, 6.1907, 20.1955
YIQ	70.0460, -22.8360, 17.3880

Conversions

Conversions Part 2

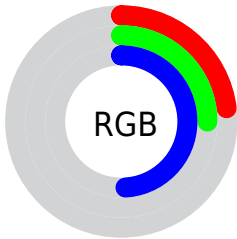
Format	Color
R_{YB}	59, 65, 125
Decimal	3883389
CIE _{Lab}	29.89, 15.65, -34.94
CIE _{LCh}	30, 38.284, 294.124
Yxy	6.1907, 0.2189, 0.1833
Android (android.graphics.Color)	4282073469 (0xFF3B417D)
YUV	70.0460, 27.0923, -9.6873
Hunter-Lab	24.8810, 9.5028, -30.7080

Details

The YIQ color **70.0460, -22.8360, 17.3880** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **113.9540, 22.8360, -17.3880**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.8120, -22.0570, 19.7910**, and **22.0510, -30.4000, 11.2960** is the 20% darker color. If you saturate the color by 10%, you get **60.0010, -26.9630, 20.5970**, and if you desaturate by 10%, it is **80.3900, -18.1130, 14.3910**.

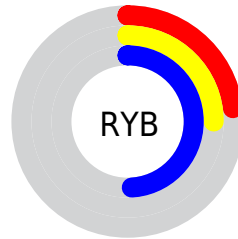
Distribution



Red (23%)

Green (25%)

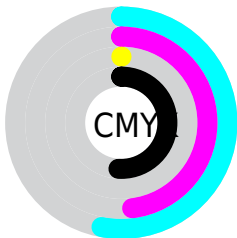
Blue (49%)



Red (23%)

Yellow (25%)

Blue (49%)

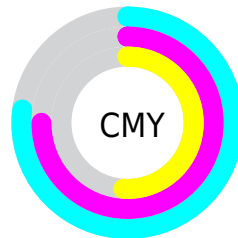


Cyan (53%)

Magenta (48%)

Yellow (0%)

Black (51%)



Cyan (77%)

Magenta (75%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 70.0460, -22.8360, 17.3880 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 70.0460, -22.8360, 17.3880 by changing the saturation by 10% instead.

■ 70.0460, -22.8360,
17.3880

■ 70.0460, -22.8360,
17.3880

■ 255.0000, -0.0000,
-0.0000

■ 46.2090, -24.8530,
15.3950

■ 119.8120,
-22.0570, 19.7910

■ 22.0510, -30.4000,
11.2960

■ 145.7520,
-21.8280, 21.1480

■ 6.0420, -17.0130,
16.4830

■ 172.2790,
-21.8740, 21.9820

■ 4.5940, -10.1800,
8.2840

■ 198.8940,
-19.3520, 20.3280

■ 0.1140, -0.3210,
0.3110

■ 223.7020,
-10.3640, 11.6200

■ 0.0000, 0.0000,
0.0000

■ 249.3960, -1.0550,

2.6010

■ 70.0460, -22.8360,
17.3880

■ 70.0460, -22.8360,
17.3880

■ 60.0010, -26.9630,
20.5970

■ 80.3900, -18.1130,
14.3910

■ 49.0700, -31.4110,
24.1170

■ 91.0220, -14.2610,
10.6590

■ 39.0250, -35.5380,
27.3260

■ 101.0670,
-10.1340, 7.4500

■ 28.6810, -40.2610,
30.3230

■ 111.4110, -5.4110,
4.4530

■ 20.7070, -43.1500,
33.1220

■ 122.0430, -1.5590,
0.7210

■ 132.3870, 3.1640,
-2.2760

■ 143.0190, 7.0160,
-6.0080

■ 153.3630, 11.7390,
-9.0050

■ 163.4080, 15.8660,
-12.2140

Harmonies

Analogous

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



59.4320, -62.6300, 0.6820



70.0460, -22.8360, 17.3880



72.8070, 11.8700, 27.1820

Triad

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



70.0460, -22.8360, 17.3880



67.9820, 43.9690, 1.6090



56.4900, -43.3230, -24.3390

Complementary

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



70.0460, -22.8360, 17.3880



113.9540, 22.8360, -17.3880

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.



57.2890, -20.9480, -27.8600



70.0460, -22.8360, 17.3880



66.5810, 34.2520, -15.0280

Square

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



70.0460, -22.8360, 17.3880



68.0770, 45.8000, 17.9920



64.0620, 13.4840, -24.1160



60.0240, -53.2740, -14.6980

Rectangle

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



70.0460, -22.8360, 17.3880



70.4300, 29.1090, 28.6370



64.0620, 13.4840, -24.1160



54.7630, -39.8380, -26.9260

Sweetspot

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



70.0460, -22.8360, 17.3880



141.1380, -8.8960, 7.0400



104.4680, -37.0890, -16.1690



68.9980, -5.6860, 3.9300



209.0000, 0.0000, 0.0000



82.0000, 0.0000, -0.0000

Same Dimension

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



70.0460, -22.8360, 17.3880



77.6120, -35.8130, 26.8030



74.2980, -5.6900, 26.0380



58.3850, -2.5220, 1.6540



21.6360, -44.3880, 33.5320



0.0000, 0.0000, 0.0000

Inverse Universe

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



79.4180, 37.4100, 15.8580



91.9370, 58.1780, 24.9460



109.7020, 5.6900, -26.0380



59.2070, 3.8510, 1.7950



39.6400, 72.4360, 30.8680



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 70.0460, -22.8360, 17.3880 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 70.0460, -22.8360, 17.3880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

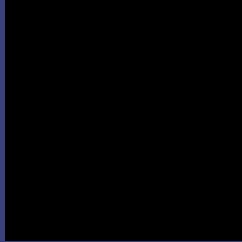
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 70.0460, -22.8360, 17.3880

Background



This preview shows how black text looks on a background with the YIQ color 70.0460, -22.8360, 17.3880.



This preview shows how white text looks on a background with the YIQ color 70.0460, -22.8360,

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

70.0460, -22.8360, 17.3880

Protanopia

66.4680, -35.9480, 12.7240

Deuteranopia

63.1740, -44.1080, 6.4200



Tritanopia

66.4150, -20.4020, -4.7060

Trichromacy



Original Color

70.0460, -22.8360, 17.3880

Protanomaly

67.8600, -31.1800, 14.4200

Deuteranomaly

65.7020, -36.7270, 10.3210

Tritanomaly

67.3860, -21.4580, 3.4220

Monochromacy



Original Color

70.0460, -22.8360, 17.3880

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.9100, -8.2540, 6.4180

CSS Examples

Text

The CSS property to change the color of the text to YIQ 70.0460, -22.8360, 17.3880 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, 65, 125)` looks like.

```
.text, #text, p{  
    color:rgb(59, 65, 125)  
}
```

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, 65, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 65, 125) }
```

Border

The CSS property to change the border of an element to YIQ 70.0460, -22.8360, 17.3880 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, 65, 125) }
```


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

```
.border{ border-color:rgb(59, 65, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 65, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 65, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 65, 125);  
box-shadow:4px 4px 4px 4px rgb(59, 65,  
125) }
```

Background

The CSS property to change the background color of an element to YIQ 70.0460, -22.8360, 17.3880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 65, 125) }
```

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

```
.background{ background-color: rgb(59, 65,  
125) }
```

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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