

Converting Colors

YIQ(70.6470, -25.7260, 25.7140)

Have a look what the booklet for
YIQ(70.6470, -25.7260, 25.7140)
contains.

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Color

**YIQ(70.6470, -25.7260,
25.7140)**

Conversions

Conversions Part 1

Format	Color
Hex	3E3D8F
RGB	62, 61, 143
RGB Percent	24%, 24%, 56%
CMY	0.7568, 0.7608, 0.4394
CMYK	0.57, 0.57, 0.00, 0.44
HSL	241°, 40%, 40%
HSV	241°, 57%, 56%
XYZ	8.6109, 6.3439, 26.7405
YIQ	70.6470, -25.7260, 25.7140

Conversions

Conversions Part 2

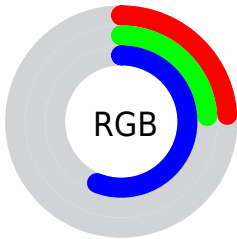
Format	Color
RYB	62, 61, 143
Decimal	4078991
CIELab	30.26, 25.15, -45.48
CIElCh	30, 51.972, 298.942
Yxy	6.3439, 0.2065, 0.1521
Android (android.graphics.Color)	4282269071 (0xFF3E3D8F)
YUV	70.6470, 35.6700, -7.5834
Hunter-Lab	25.1872, 16.9476, -45.3155

Details

The YIQ color **70.6470, -25.7260, 25.7140** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **133.3530, 25.7260, -25.7140**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.4240, -23.4800, 29.0640**, and **21.6410, -34.7570, 18.6750** is the 20% darker color. If you saturate the color by 10%, you get **58.2430, -30.2200, 30.0680**, and if you desaturate by 10%, it is **83.0510, -21.2320, 21.3600**.

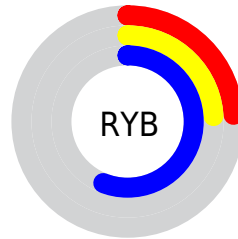
Distribution



Red (24%)

Green (24%)

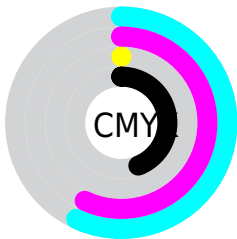
Blue (56%)



Red (24%)

Yellow (24%)

Blue (56%)

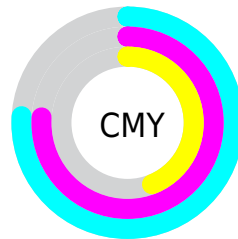


Cyan (57%)

Magenta (57%)

Yellow (0%)

Black (44%)



Cyan (76%)

Magenta (76%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 70.6470, -25.7260, 25.7140 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 70.6470, -25.7260, 25.7140 by changing the saturation by 10% instead.

■ 70.6470, -25.7260,
25.7140

■ 70.6470, -25.7260,
25.7140

■ 255.0000, -0.0000,
-0.0000

■ 45.7990, -29.2100,
22.7740

■ 121.4240,
-23.4800, 29.0640

■ 21.6410, -34.7570,
18.6750

■ 147.4780,
-23.5720, 30.7320

■ 7.7520, -21.8280,
21.1480

■ 174.4180,
-23.3430, 32.0890

■ 6.7770, -14.9490,
12.1150

■ 198.6390,
-14.0800, 23.9040

■ 3.2090, -7.6580,
6.6300

■ 223.7460, -4.4960,
15.4080

■ 0.0000, 0.0000,
0.0000

■ 247.9560, 3.3000,

6.2760

■ 70.6470, -25.7260,
25.7140

■ 70.6470, -25.7260,
25.7140

■ 58.2430, -30.2200,
30.0680

■ 83.0510, -21.2320,
21.3600

■ 45.2520, -34.4390,
34.9450

■ 96.0420, -17.0130,
16.4830

■ 32.8480, -38.9330,
39.2990

■ 108.4460,
-12.5190, 12.1290

■ 20.4440, -43.4270,
43.6530

■ 120.8500, -8.0250,
7.7750

■ 16.9000, -44.7110,
44.8970

■ 133.5530, -2.9350,
3.6330

■ 146.5440, 1.2840,
-1.2440

■ 158.9480, 5.7780,
-5.5980

■ 171.3520, 10.2720,
-9.9520

■ 184.3430, 14.4910,
-14.8290

Harmonies

Analogous

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



62.6410, -70.2880, 7.3120



70.6470, -25.7260, 25.7140



69.6980, 22.9630, 40.9070

Triad

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



70.6470, -25.7260, 25.7140



66.1050, 56.6240, -1.9680



59.5220, -46.3490, -24.5650

Complementary

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



70.6470, -25.7260, 25.7140



133.3530, 25.7260, -25.7140

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.



53.3320, -31.6750, -37.2030



70.6470, -25.7260, 25.7140



67.1140, 34.0690, -17.2190

Square

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



70.6470, -25.7260, 25.7140



61.6880, 63.3130, 25.4970



61.6110, 7.2040, -31.4520



64.1960, -59.5100, -11.8140

Rectangle

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



70.6470, -25.7260, 25.7140



62.7240, 46.4370, 45.0050



61.6110, 7.2040, -31.4520



57.8120, -41.5340, -29.2300

Sweetspot

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



70.6470, -25.7260, 25.7140



158.5340, -9.9510, 9.6410



118.4820, -48.8720, -17.3840



77.4650, -5.5030, 6.1210



222.0000, -0.0000, 0.0000



94.0000, 0.0000, 0.0000

Same Dimension

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



70.6470, -25.7260, 25.7140



72.8910, -40.4920, 40.0200



82.6070, -1.8860, 34.1940



64.7980, -2.2470, 2.1770



15.9880, -42.1430, 42.4090



0.9120, -2.5680, 2.4880

Inverse Universe

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



94.7520, 22.8710, 42.5750



110.7500, 35.5210, 66.6330



121.3930, 1.8860, -34.1940



66.8910, 1.9250, 3.6610



55.5270, 37.7670, 69.9830



3.3040, 2.2000, 4.1840

Previews

White Background



This preview shows how the YIQ color 70.6470, -25.7260, 25.7140 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 70.6470, -25.7260, 25.7140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

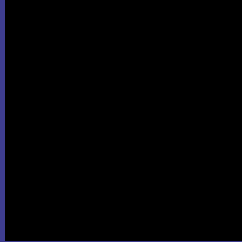
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 70.6470, -25.7260, 25.7140

Background



This preview shows how black text looks on a background with the YIQ color 70.6470, -25.7260, 25.7140.



This preview shows how white text looks on a background with the YIQ color 70.6470, -25.7260,

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

70.6470, -25.7260, 25.7140

Protanopia

57.1470, -65.8410, 9.3190

Deuteranopia

57.3290, -60.8420, 1.3180



Tritanopia

66.3220, -24.5740, -6.1900

Trichromacy



Original Color

70.6470, -25.7260, 25.7140

Protanomaly

62.1490, -50.9870, 15.4530

Deuteranomaly

62.5420, -47.9600, 10.1520

Tritanomaly

67.7000, -25.2180, 5.4860

Monochromacy



Original Color

70.6470, -25.7260, 25.7140

Achromatopsia

71.0000, -0.0000, -0.0000

Achromatomaly

70.7190, -9.0340, 9.5420

CSS Examples

Text

The CSS property to change the color of the text to YIQ 70.6470, -25.7260, 25.7140 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(62, 61, 143)` looks like.

```
.text, #text, p{  
    color:rgb(62, 61, 143)  
}
```

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(62, 61, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 61, 143) }
```

Border

The CSS property to change the border of an element to YIQ 70.6470, -25.7260, 25.7140 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(62, 61, 143) }
```


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

```
.border{ border-color:rgb(62, 61, 143) }
```

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

Here you see how a box with a 4 pixel rgb(62, 61, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 61, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 61, 143);  
box-shadow:4px 4px 4px 4px rgb(62, 61,  
143) }
```

Background

The CSS property to change the background color of an element to YIQ 70.6470, -25.7260, 25.7140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 61, 143) }
```

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

```
.background{ background-color: rgb(62, 61,  
143) }
```

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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