

Converting Colors

YIQ(75.2470, -28.0160, 12.1440)

Have a look what the booklet for
YIQ(75.2470, -28.0160, 12.1440)
contains.

YIQ(75.2470, -28.0160, 12.1440)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(75.2470, -28.0160,
12.1440)**

Conversions

Conversions Part 1

Format	Color
Hex	384B7F
RGB	56, 75, 127
RGB Percent	22%, 29%, 50%
CMY	0.7804, 0.7058, 0.5021
CMYK	0.56, 0.41, 0.00, 0.50
HSL	224°, 39%, 36%
HSV	224°, 56%, 50%
XYZ	7.9756, 7.4052, 21.0745
YIQ	75.2470, -28.0160, 12.1440

Conversions

Conversions Part 2

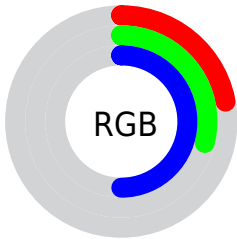
Format	Color
R _Y B	56, 71, 127
Decimal	3689343
CIE Lab	32.71, 8.93, -31.70
CIE LCh	33, 32.938, 285.737
Yxy	7.4052, 0.2188, 0.2031
Android (android.graphics.Color)	4281879423 (0xFF384B7F)
YUV	75.2470, 25.5142, -16.8796
Hunter-Lab	27.2125, 4.6937, -26.8678

Details

The YIQ color **75.2470, -28.0160, 12.1440** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **107.7530, 28.0160, -12.1440**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **125.0130, -27.2370, 14.5470**, and **27.5620, -33.5170, 7.2110** is the 20% darker color. If you saturate the color by 10%, you get **66.0770, -33.2890, 14.0950**, and if you desaturate by 10%, it is **84.4170, -22.7430, 10.1930**.

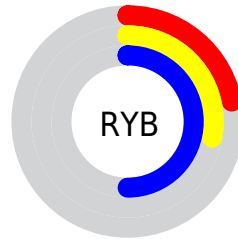
Distribution



 Red (22%)

 Green (29%)

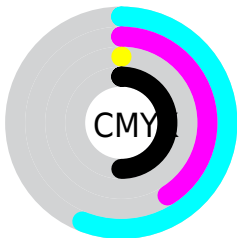
 Blue (50%)




 Red (22%)

 Yellow (28%)

 Blue (50%)

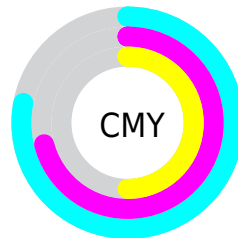


 Cyan (56%)


 Magenta (41%)

 Yellow (0%)

 Black (50%)



 Cyan (78%)

 Magenta (71%)

 Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.2470, -28.0160, 12.1440 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 75.2470, -28.0160, 12.1440 by changing the saturation by 10% instead.

■ 75.2470, -28.0160,
12.1440

■ 75.2470, -28.0160,
12.1440

■ 255.0000, -0.0000,
-0.0000

■ 51.4100, -30.0330,
10.1510

■ 125.0130,
-27.2370, 14.5470

■ 27.5620, -33.5170,
7.2110

■ 151.5400,
-27.2830, 15.3810

■ 10.2650, -19.2590,
13.1330

■ 178.6540,
-27.6040, 15.6920

■ 4.8220, -10.8220,
8.9060

■ 205.0410,
-24.4400, 13.4160

■ 0.5700, -1.6050,
1.5550

■ 229.8490,
-15.4520, 4.7080

■ 0.0000, 0.0000,
0.0000

■ 252.6080, -4.7680,

-1.6960

■ 75.2470, -28.0160,
12.1440

■ 75.2470, -28.0160,
12.1440

■ 66.0770, -33.2890,
14.0950

■ 84.4170, -22.7430,
10.1930

■ 56.6190, -37.6910,
16.7810

■ 93.8750, -18.3410,
7.5070

■ 47.4490, -42.9640,
18.7320

■ 103.0450,
-13.0680, 5.5560

■ 38.2790, -48.2370,
20.6830

■ 112.2150, -7.7950,
3.6050

■ 34.4360, -50.1170,
21.7150

■ 121.0860, -3.1180,
1.4420

■ 130.8430, 1.8800,
-1.0320

■ 140.0130, 7.1530,
-2.9830

■ 149.1830, 12.4260,
-4.9340

■ 158.6410, 16.8280,
-7.6200

Harmonies

Analogous

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



63.1990, -63.5920, -3.9120



75.2470, -28.0160, 12.1440



79.1540, 3.3430, 22.0230

Triad

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



75.2470, -28.0160, 12.1440



75.7630, 40.3920, 5.8640



59.4250, -44.6980, -26.9540

Complementary

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



75.2470, -28.0160, 12.1440



107.7530, 28.0160, -12.1440

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.



69.5790, -6.9650, -22.4610



75.2470, -28.0160, 12.1440



75.0250, 33.2420, -7.7340

Square

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



75.2470, -28.0160, 12.1440



76.3690, 39.1060, 18.1620



73.0180, 16.7840, -17.8400



63.0900, -53.6400, -19.0800

Rectangle

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



75.2470, -28.0160, 12.1440



79.1190, 19.6190, 24.4110



73.0180, 16.7840, -17.8400



63.3080, -31.1270, -25.1030

Sweetspot

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



75.2470, -28.0160, 12.1440



145.3010, -10.9130, 5.0470



103.4910, -35.8960, -21.2720



71.8730, -6.8320, 2.6720



212.0000, -0.0000, -0.0000



84.0000, -0.0000, -0.0000

Same Dimension

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



75.2470, -28.0160, 12.1440



84.6770, -43.6060, 19.3540



68.5790, -13.8510, 25.2610



58.9720, -2.7970, 1.1310



34.5500, -50.4380, 22.0260



0.0000, 0.0000, 0.0000

Inverse Universe

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



79.3950, 36.2170, 20.9610



91.4950, 56.8470, 32.5510



114.4210, 13.8510, -25.2610



59.3210, 3.5300, 2.1060



42.1480, 65.3740, 37.7100



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YIQ color 75.2470, -28.0160, 12.1440 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 75.2470, -28.0160, 12.1440 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 75.2470, -28.0160, 12.1440

Background



This preview shows how black text looks on a background with the YIQ color 75.2470, -28.0160, 12.1440.



This preview shows how white text looks on a background with the YIQ color 75.2470, -28.0160,

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

75.2470, -28.0160, 12.1440

Protanopia

75.2470, -28.0160, 12.1440

Deuteranopia

73.0180, -34.8010, 8.4550



Tritanopia

71.5390, -26.6830, -6.5150

Trichromacy



Original Color

75.2470, -28.0160, 12.1440

Protanomaly

75.2470, -28.0160, 12.1440

Deuteranomaly

73.6270, -32.1420, 9.8260

Tritanomaly

72.7550, -27.0510, 0.1570

Monochromacy



Original Color

75.2470, -28.0160, 12.1440

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

75.0730, -10.2710, 4.4250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.2470, -28.0160, 12.1440 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(56, 75, 127)` looks like.

```
.text, #text, p{  
    color:rgb(56, 75, 127)  
}
```

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(56, 75, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 75, 127) }
```

Border

The CSS property to change the border of an element to YIQ 75.2470, -28.0160, 12.1440 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(56, 75, 127) }
```


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

```
.border{ border-color:rgb(56, 75, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 75, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 75, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 75, 127);  
box-shadow:4px 4px 4px 4px rgb(56, 75,  
127) }
```

Background

The CSS property to change the background color of an element to YIQ 75.2470, -28.0160, 12.1440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 75, 127) }
```

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

```
.background{ background-color: rgb(56, 75,  
127) }
```

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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