

Converting Colors

YIQ(69.6400, 1.3740, 8.1420)

Have a look what the booklet for
YIQ(69.6400, 1.3740, 8.1420)
contains.

YIQ(69.6400, 1.3740, 8.1420)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

YIQ(69.6400, 1.3740, 8.1420)

Conversions

Conversions Part 1

Format	Color
Hex	4C4052
RGB	76, 64, 82
RGB Percent	30%, 25%, 32%
CMY	0.7019, 0.7490, 0.6784
CMYK	0.07, 0.22, 0.00, 0.68
HSL	280°, 12%, 29%
HSV	280°, 22%, 32%
XYZ	6.3373, 5.8123, 8.7701
YIQ	69.6400, 1.3740, 8.1420

Conversions

Conversions Part 2

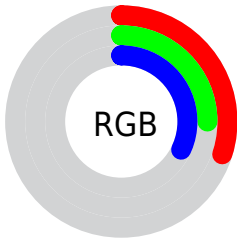
Format	Color
RYB	76, 64, 82
Decimal	4997202
CIE Lab	28.93, 9.07, -8.90
CIE LCh	29, 12.707, 315.535
Yxy	5.8123, 0.3029, 0.2778
Android (android.graphics.Color)	4283187282 (0xFF4C4052)
YUV	69.6400, 6.0935, 5.5777
Hunter-Lab	24.1087, 4.7310, -4.6919

Details

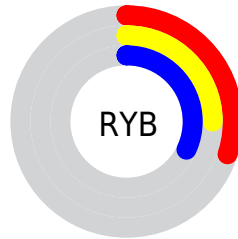
The YIQ color **69.6400, 1.3740, 8.1420** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **76.3600, -1.3740, -8.1420**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.0530, 1.6490, 8.6650**, and **26.7000, 1.1450, 6.7850** is the 20% darker color. If you saturate the color by 10%, you get **64.0470, 1.7860, 11.6900**, and if you desaturate by 10%, it is **75.2330, 0.9620, 4.5940**.

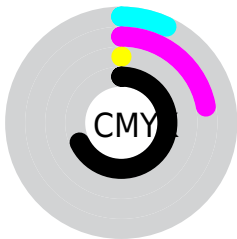
Distribution



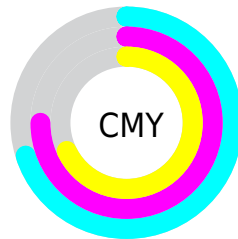
- Red (30%)
- Green (25%)
- Blue (32%)



- Red (30%)
- Yellow (25%)
- Blue (32%)



- Cyan (7%)
- Magenta (22%)
- Yellow (0%)
- Black (68%)



- Cyan (70%)
- Magenta (75%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 69.6400, 1.3740, 8.1420 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 69.6400, 1.3740, 8.1420 by changing the saturation by 10% instead.

■ 69.6400, 1.3740,
8.1420

■ 69.6400, 1.3740,
8.1420

■ 255.0000, -0.0000,
-0.0000

■ 47.2270, 1.0990,
7.6190

■ 118.0530, 1.6490,
8.6650

■ 26.1130, 1.4200,
7.3080

■ 143.4660, 1.9240,
9.1880

■ 3.0200, -2.7520,
5.8240

■ 169.8790, 2.1990,
9.7110

■ 0.0000, 0.0000,
0.0000

■ 197.5800, 1.6030,
9.4990

■ 224.9930, 1.8780,
10.0220

■ 250.3040, 2.2000,

4.1840

■ 69.6400, 1.3740,
8.1420

■ 69.6400, 1.3740,
8.1420

■ 64.0470, 1.7860,
11.6900

■ 75.2330, 0.9620,
4.5940

■ 58.7530, 2.7940,
15.4500

■ 80.5270, -0.0460,
0.8340

■ 52.5730, 3.4810,
19.5210

■ 86.7070, -0.7330,
-3.2370

■ 46.9800, 3.8930,
23.0690

■ 92.3000, -1.1450,
-6.7850

■ 41.3870, 4.3050,
26.6170

■ 97.8930, -1.5570,
-10.3330

■ 36.0930, 5.3130,
30.3770

■ 103.1870, -2.5650,
-14.0930

■ 30.5000, 5.7250,
33.9250

■ 108.7800, -2.9770,
-17.6410

■ 25.7930, 6.4580,
37.1620

■ 114.9600, -3.6640,
-21.7120

■ 120.5530, -4.0760,
-25.2600

Harmonies

Analogous

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



68.0840, -8.8040, 5.3720



69.6400, 1.3740, 8.1420



70.1310, 10.1770, 8.2970

Triad

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



69.6400, 1.3740, 8.1420



68.2480, 13.8010, -2.3190



64.0190, -19.3470, -7.3070

Complementary

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



69.6400, 1.3740, 8.1420



76.3600, -1.3740, -8.1420

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.



64.3850, -11.6900, -8.4100



69.6400, 1.3740, 8.1420



67.0190, 7.0160, -6.0080

Square

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



69.6400, 1.3740, 8.1420



68.9650, 16.2760, 2.3880



66.0610, -1.9700, -8.3540



64.4580, -21.9610, -3.9850

Rectangle

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



69.6400, 1.3740, 8.1420



69.7570, 14.1660, 7.5900



66.0610, -1.9700, -8.3540



64.2750, -17.1920, -7.8160

Sweetspot

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



69.6400, 1.3740, 8.1420



102.2930, 0.7330, 3.2370



69.5740, -7.4280, 2.4600



50.4670, 0.1830, 2.1910



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



69.6400, 1.3740, 8.1420



87.8730, 2.3360, 12.7360



71.0920, 5.9130, 8.4810



38.0540, -0.0920, 1.6680



32.9000, 8.0150, 47.4950



72.7930, 17.9080, 105.0120

Inverse Universe

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



70.0660, 8.8020, 5.6820



88.5120, 13.4780, 9.0460



74.9080, -5.9130, -8.4810



38.3100, 2.0630, 1.1590



35.3850, 51.3450, 33.1450



78.1460, 113.5550, 73.1310

Previews

White Background



This preview shows how the YIQ color 69.6400, 1.3740, 8.1420 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 69.6400, 1.3740, 8.1420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

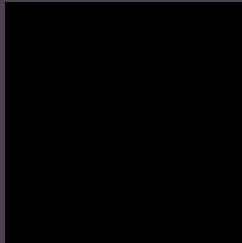
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 69.6400, 1.3740, 8.1420

Background



This preview shows how black text looks on a background with the YIQ color 69.6400, 1.3740, 8.1420.



This preview shows how white text looks on a background with the YIQ color 69.6400, 1.3740, 8.1420.

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

69.6400, 1.3740, 8.1420

Protanopia

68.7420, -7.8410, 4.4390

Deuteranopia

68.8950, -3.8980, 4.5660



Tritanopia

68.9620, 3.1630, 3.2510

Trichromacy



Original Color

69.6400, 1.3740, 8.1420

Protanomaly

69.2370, -4.8610, 5.4990

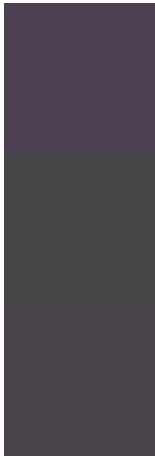
Deuteranomaly

69.2050, -1.8350, 5.7250

Tritanomaly

69.1300, 2.7500, 5.2300

Monochromacy



Original Color

69.6400, 1.3740, 8.1420

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

69.8800, 0.4580, 2.7140

CSS Examples

Text

The CSS property to change the color of the text to YIQ 69.6400, 1.3740, 8.1420 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(76, 64, 82)` looks like.

```
.text, #text, p{  
    color:rgb(76, 64, 82)  
}
```

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(76, 64, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 64, 82) }
```

Border

The CSS property to change the border of an element to YIQ 69.6400, 1.3740, 8.1420 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(76, 64, 82) }
```

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

```
.border{ border-color:rgb(76, 64, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 64, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 64, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 64, 82);  
box-shadow:4px 4px 4px 4px rgb(76, 64, 82)  
}
```


Background

The CSS property to change the background color of an element to YIQ 69.6400, 1.3740, 8.1420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 64, 82) }
```

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

```
.background{ background-color: rgb(76, 64,  
82) }
```

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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