

Converting Colors

YIQ(77.2480, -3.3940, 6.4460)

Have a look what the booklet for
YIQ(77.2480, -3.3940, 6.4460)
contains.

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Color

**YIQ(77.2480, -3.3940,
6.4460)**

Conversions

Conversions Part 1

Format	Color
Hex	4E4A5C
RGB	78, 74, 92
RGB Percent	31%, 29%, 36%
CMY	0.6941, 0.7098, 0.6392
CMYK	0.15, 0.20, 0.00, 0.64
HSL	253°, 11%, 33%
HSV	253°, 20%, 36%
XYZ	7.5224, 7.2898, 11.1342
YIQ	77.2480, -3.3940, 6.4460

Conversions

Conversions Part 2

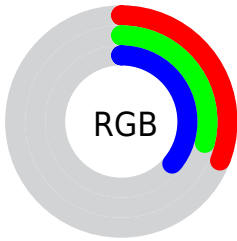
Format	Color
RYB	78, 74, 92
Decimal	5130844
CIELab	32.46, 5.80, -9.98
CIElCh	32, 11.542, 300.182
Yxy	7.2898, 0.2899, 0.2810
Android (android.graphics.Color)	4283320924 (0xFF4E4A5C)
YUV	77.2480, 7.2727, 0.6595
Hunter-Lab	26.9997, 2.4828, -5.5504




Details

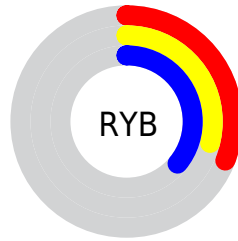
The YIQ color **77.2480, -3.3940, 6.4460** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **88.7520, 3.3940, -6.4460**, and the grayscale version is **77.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **126.3620, -3.7150, 6.7570**, and **32.7210, -3.3480, 5.6120** is the 20% darker color. If you saturate the color by 10%, you get **69.8720, -5.0910, 9.6690**, and if you desaturate by 10%, it is **84.6240, -1.6970, 3.2230**.

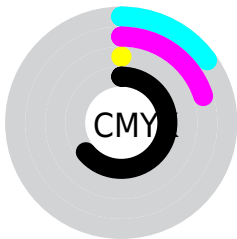
Distribution







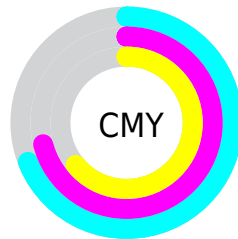
-  Red (31%)
-  Green (29%)
-  Blue (36%)






-  Red (31%)
-  Yellow (29%)
-  Blue (36%)



-  Cyan (15%)
-  Magenta (20%)
-  Yellow (0%)
-  Black (64%)



-  Cyan (69%)
-  Magenta (71%)
-  Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.2480, -3.3940, 6.4460 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 77.2480, -3.3940, 6.4460 by changing the saturation by 10% instead.

■ 77.2480, -3.3940,
6.4460

■ 77.2480, -3.3940,
6.4460

■ 255.0000, -0.0000,
-0.0000

■ 54.1340, -3.0730,
6.1350

■ 126.3620, -3.7150,
6.7570

■ 32.7210, -3.3480,
5.6120

■ 151.8890, -3.7610,
7.5910

■ 9.4870, -2.5690,
8.0150

■ 178.8890, -3.7610,
7.5910

■ 0.0000, 0.0000,
0.0000

■ 206.3020, -3.4860,
8.1140

■ 234.8890, -3.7610,
7.5910

■ 77.2480, -3.3940,
6.4460

■ 77.2480, -3.3940,
6.4460

■ 69.8720, -5.0910,
9.6690

■ 84.6240, -1.6970,
3.2230

■ 62.4960, -6.7880,
12.8920

■ 92.0000, 0.0000,
-0.0000

■ 54.5330, -8.2100,
16.6380

■ 99.9630, 1.4220,
-3.7460

■ 46.8580, -10.5030,
19.6490

■ 107.6380, 3.7150,
-6.7570

■ 39.4820, -12.2000,
22.8720

■ 115.0140, 5.4120,
-9.9800

■ 32.1060, -13.8970,
26.0950

■ 122.3900, 7.1090,
-13.2030

■ 24.7300, -15.5940,
29.3180

■ 129.7660, 8.8060,
-16.4260

■ 16.7670, -17.0160,

■ 137.7290, 10.2280,

33.0640

-20.1720

■ 16.4680, -17.6120,
32.8520

■ 145.1050, 11.9250,
-23.3950

Harmonies

Analogous

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



75.6490, -12.0130, 2.9550



77.2480, -3.3940, 6.4460



77.7930, 5.3170, 8.2690

Triad

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



77.2480, -3.3940, 6.4460



77.0140, 14.5800, 0.0840



73.2430, -14.1660, -7.5900

Complementary

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



77.2480, -3.3940, 6.4460



88.7520, 3.3940, -6.4460

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.



74.0220, -6.2340, -8.1700



77.2480, -3.3940, 6.4460



76.0410, 9.9500, -4.1140

Square

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



77.2480, -3.3940, 6.4460



77.8340, 15.2670, 4.1550



75.1540, 2.2020, -6.8700



72.4860, -19.1640, -5.1160

Rectangle

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



77.2480, -3.3940, 6.4460



78.0170, 10.4980, 7.9860



75.1540, 2.2020, -6.8700



72.9120, -11.7360, -7.5760

Sweetspot

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



77.2480, -3.3940, 6.4460



114.0970, -1.6510, 2.3890



84.2700, -9.6280, -1.7240



57.7550, -0.6880, 1.4560



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.



77.2480, -3.3940, 6.4460



96.9860, -5.4120, 9.9800



79.9390, 1.9700, 8.3540



41.8690, -1.0090, 1.7670



19.7160, -21.0060, 39.2980



42.8650, -44.4890, 84.9430

Inverse Universe

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



80.9780, 6.2340, 8.1700



102.8800, 9.6260, 12.7780



86.0610, -1.9700, -8.3540



42.9510, 1.6960, 2.3040



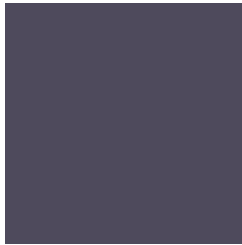
42.5800, 38.2750, 49.7550



91.8390, 82.1880, 107.4680

Previews

White Background



This preview shows how the YIQ color 77.2480, -3.3940, 6.4460 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 77.2480, -3.3940, 6.4460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

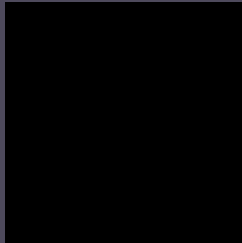
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.2480, -3.3940, 6.4460

Background



This preview shows how black text looks on a background with the YIQ color 77.2480, -3.3940, 6.4460.



This preview shows how white text looks on a background with the YIQ color 77.2480, -3.3940,

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

77.2480, -3.3940, 6.4460

Protanopia

76.7420, -7.8410, 4.4390

Deuteranopia

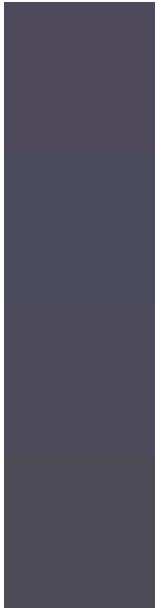
77.2370, -4.8610, 5.4990



Tritanopia

76.6840, -1.9260, 1.8660

Trichromacy



Original Color

77.2480, -3.3940, 6.4460

Protanomaly

76.7530, -6.3740, 5.3860

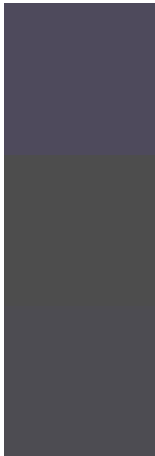
Deuteranomaly

77.5360, -4.2650, 5.7110

Tritanomaly

76.8520, -2.3390, 3.8450

Monochromacy



Original Color

77.2480, -3.3940, 6.4460

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

76.9830, -1.3300, 2.0780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.2480, -3.3940, 6.4460 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(78, 74, 92)` looks like.

```
.text, #text, p{  
    color:rgb(78, 74, 92)  
}
```

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(78, 74, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 74, 92) }
```

Border

The CSS property to change the border of an element to YIQ 77.2480, -3.3940, 6.4460 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(78, 74, 92) }
```


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

```
.border{ border-color:rgb(78, 74, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 74, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 74, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 74, 92);  
box-shadow:4px 4px 4px 4px rgb(78, 74, 92)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.2480, -3.3940, 6.4460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 74, 92) }
```

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

```
.background{ background-color: rgb(78, 74,  
92) }
```

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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