

Converting Colors

YIQ(77.2430, 4.1700, 12.5380)

Have a look what the booklet for
YIQ(77.2430, 4.1700, 12.5380)
contains.

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Color

**YIQ(77.2430, 4.1700,
12.5380)**

Conversions

Conversions Part 1

Format	Color
Hex	59445E
RGB	89, 68, 94
RGB Percent	35%, 27%, 37%
CMY	0.6509, 0.7334, 0.6314
CMYK	0.05, 0.28, 0.00, 0.63
HSL	289°, 16%, 32%
HSV	289°, 28%, 37%
XYZ	8.2084, 7.0660, 11.5207
YIQ	77.2430, 4.1700, 12.5380

Conversions

Conversions Part 2

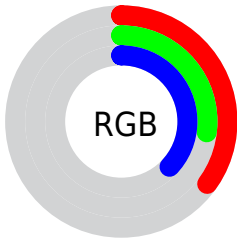
Format	Color
R_{YB}	89, 68, 94
Decimal	5850206
CIE _{Lab}	31.96, 14.30, -11.91
CIE _{LCh}	32, 18.610, 320.205
Yxy	7.0660, 0.3063, 0.2637
Android (android.graphics.Color)	4284040286 (0xFF59445E)
YUV	77.2430, 8.2612, 10.3109
Hunter-Lab	26.5820, 8.6015, -7.0891

Details

The YIQ color **77.2430, 4.1700, 12.5380** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **84.7570, -4.1700, -12.5380**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.0690, 4.7200, 13.5840**, and **33.0040, 3.3450, 10.9690** is the 20% darker color. If you saturate the color by 10%, you get **71.3620, 5.4530, 16.8210**, and if you desaturate by 10%, it is **83.1240, 2.8870, 8.2550**.

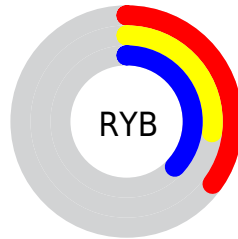
Distribution



 Red (35%)

 Green (27%)

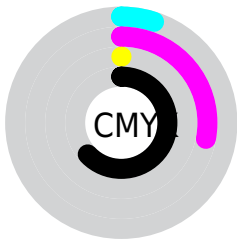
 Blue (37%)



 Red (35%)

 Yellow (27%)

 Blue (37%)

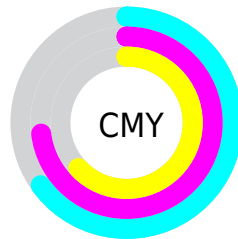


 Cyan (5%)

 Magenta (28%)

 Yellow (0%)

 Black (63%)



 Cyan (65%)

 Magenta (73%)

 Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.2430, 4.1700, 12.5380 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 77.2430, 4.1700, 12.5380 by changing the saturation by 10% instead.

■ 77.2430, 4.1700,
12.5380

■ 77.2430, 4.1700,
12.5380

■ 255.0000, -0.0000,
-0.0000

■ 54.4170, 3.6200,
11.4920

■ 126.0690, 4.7200,
13.5840

■ 33.0040, 3.3450,
10.9690

■ 152.4820, 4.9950,
14.1070

■ 10.2540, 5.6370,
13.4850

■ 178.8950, 5.2700,
14.6300

■ 0.0000, 0.0000,
0.0000

■ 206.8950, 5.2700,
14.6300

■ 235.3080, 5.5450,
15.1530

■ 253.2390, 0.8250,

1.5690

■ 77.2430, 4.1700,
12.5380

■ 77.2430, 4.1700,
12.5380

■ 71.3620, 5.4530,
16.8210

■ 83.1240, 2.8870,
8.2550

■ 64.8940, 7.0110,
21.6270

■ 89.5920, 1.3290,
3.4490

■ 59.3120, 8.8900,
26.1220

■ 95.1740, -0.5500,
-1.0460

■ 52.8440, 10.4480,
30.9280

■ 101.6420, -2.1080,
-5.8520

■ 46.9630, 11.7310,
35.2110

■ 107.5230, -3.3910,
-10.1350

■ 41.0820, 13.0140,
39.4940

■ 113.4040, -4.6740,
-14.4180

■ 34.6140, 14.5720,
44.3000

■ 119.8720, -6.2320,
-19.2240

■ 33.4400, 15.1220,
45.3460

■ 125.4540, -8.1110,
-23.7190

■ 131.9220, -9.6690,
-28.5250

Harmonies

Analogous

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



75.4090, -11.0970, 8.3830



77.2430, 4.1700, 12.5380



77.5880, 16.3200, 12.6080

Triad

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



77.2430, 4.1700, 12.5380



75.0050, 18.7990, -4.7930



66.1850, -34.6140, -11.4620

Complementary

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



77.2430, 4.1700, 12.5380



84.7570, -4.1700, -12.5380

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.



68.9600, -20.8590, -12.9470



77.2430, 4.1700, 12.5380



72.9820, 8.4380, -9.7540

Square

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



77.2430, 4.1700, 12.5380



75.8580, 23.8870, 2.1190



71.2730, -5.6830, -12.6510



66.9770, -36.7240, -6.2600

Rectangle

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



77.2430, 4.1700, 12.5380



76.7580, 21.5930, 10.6570



71.2730, -5.6830, -12.6510



66.8110, -30.6250, -12.1690

Sweetspot

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



77.2430, 4.1700, 12.5380



116.4180, 1.8790, 4.4950



73.8990, -9.7210, 5.4710



57.1790, 1.0540, 2.9260



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.



77.2430, 4.1700, 12.5380



96.4270, 6.8280, 19.4360



77.8260, 9.7180, 11.1100



42.7660, 0.7790, 2.4030



39.1510, 17.7340, 53.0780



84.4260, 38.3550, 114.4110

Inverse Universe

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



76.3440, 13.8910, 7.0670



94.8720, 21.2720, 10.9680



84.1740, -9.7180, -11.1100



42.6090, 2.6590, 1.3710



35.2840, 58.8190, 29.8510



75.9930, 126.8070, 64.2390

Previews

White Background



This preview shows how the YIQ color 77.2430, 4.1700, 12.5380 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 77.2430, 4.1700, 12.5380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

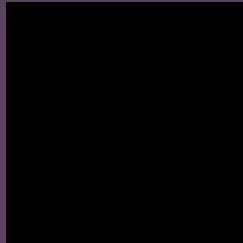
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 77.2430, 4.1700, 12.5380

Background



This preview shows how black text looks on a background with the YIQ color 77.2430, 4.1700, 12.5380.



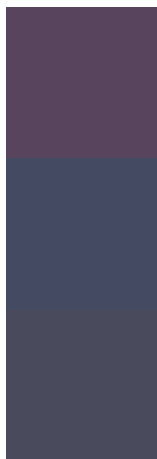
This preview shows how white text looks on a background with the YIQ color 77.2430, 4.1700,

12.5380.

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

77.2430, 4.1700, 12.5380

Protanopia

75.3550, -11.0050, 6.7150

Deuteranopia

76.1660, -6.0990, 5.9090



Tritanopia

76.4680, 7.6100, 5.2580

Trichromacy



Original Color

77.2430, 4.1700, 12.5380

Protanomaly

76.0460, -5.6410, 8.6230

Deuteranomaly

76.4870, -2.5690, 8.0150

Tritanomaly

76.8640, 6.5550, 7.8590

Monochromacy



Original Color

77.2430, 4.1700, 12.5380

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.1190, 1.2830, 4.2830

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.2430, 4.1700, 12.5380 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(89, 68, 94)` looks like.

```
.text, #text, p{  
    color:rgb(89, 68, 94)  
}
```

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(89, 68, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 68, 94) }
```

Border

The CSS property to change the border of an element to YIQ 77.2430, 4.1700, 12.5380 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(89, 68, 94) }
```


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

```
.border{ border-color:rgb(89, 68, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 68, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 68, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 68, 94);  
box-shadow:4px 4px 4px 4px rgb(89, 68, 94)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.2430, 4.1700, 12.5380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 68, 94) }
```

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

```
.background{ background-color: rgb(89, 68,  
94) }
```

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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