

Converting Colors

YIQ(75.0880, 36.9580, -20.0180)

Have a look what the booklet for
YIQ(75.0880, 36.9580, -20.0180)
contains.

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Color

**YIQ(75.0880, 36.9580,
-20.0180)**

Conversions

Conversions Part 1

Format	Color
Hex	624E00
RGB	98, 78, 0
RGB Percent	38%, 31%, 0%
CMY	0.6157, 0.6941, 0.9998
CMYK	0.00, 0.20, 1.00, 0.62
HSL	48°, 100%, 19%
HSV	48°, 100%, 38%
XYZ	7.7610, 8.0443, 1.1452
YIQ	75.0880, 36.9580, -20.0180

Conversions

Conversions Part 2

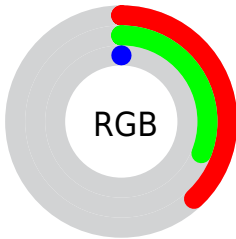
Format	Color
R_{YB}	25, 98, 0
Decimal	6442496
CIE Lab	34.08, 1.08, 42.52
CIE LCh	34, 42.530, 88.547
Yxy	8.0443, 0.4579, 0.4746
Android (android.graphics.Color)	4284632576 (0xFF624E00)
YUV	75.0880, -37.0184, 20.0938
Hunter-Lab	28.3625, -0.7902, 17.4598

Details

The YIQ color **75.0880, 36.9580, -20.0180** is a dark color, and the websafe version is hex **666600**. A complement of this color would be **22.9120, -36.9580, 20.0180**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.0390, 38.6540, -17.7140**, and **34.0110, 18.6620, -7.8180** is the 20% darker color. If you saturate the color by 10%, you get **75.0880, 36.9580, -20.0180**, and if you desaturate by 10%, it is **77.4020, 33.1980, -17.9540**.

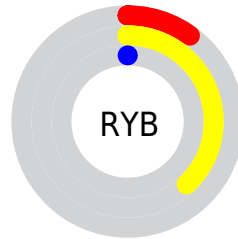
Distribution



Red (38%)

Green (31%)

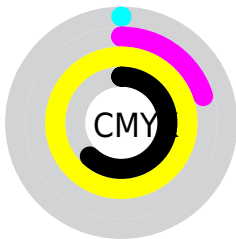
Blue (0%)



Red (10%)

Yellow (38%)

Blue (0%)

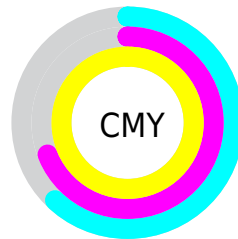


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (62%)



Cyan (62%)

Magenta (69%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 75.0880, 36.9580, -20.0180 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 75.0880, 36.9580, -20.0180 by changing the saturation by 10% instead.

■ 75.0880, 36.9580,
-20.0180

■ 75.0880, 36.9580,
-20.0180

■ 253.2900, 4.8150,
-4.6650

■ 54.1120, 28.3830,
-13.2890

■ 126.0390, 38.6540,
-17.7140

■ 34.0110, 18.6620,
-7.8180

■ 151.9360, 40.4420,
-17.0780

■ 14.2090, 9.5370,
-2.1350

■ 179.3060, 42.2760,
-17.2760

■ 0.0000, 0.0000,
0.0000

■ 207.3770, 43.5140,
-17.6860

■ 231.9740, 37.2790,
-20.3290

■ 246.7920, 23.1120,

-22.3920

■ 249.9840, 14.1240,
-13.6840

■ 75.0880, 36.9580,
-20.0180

■ 77.4020, 33.1980,
-17.9540

■ 79.7160, 29.4380,
-15.8900

■ 81.9160, 25.9990,
-14.1370

■ 84.2300, 22.2390,
-12.0730

■ 86.5440, 18.4790,
-10.0090

■ 88.8580, 14.7190,
-7.9450

■ 91.1720, 10.9590,
-5.8810

■ 93.3720, 7.5200,
-4.1280

■ 95.6860, 3.7600,
-2.0640

Harmonies

Analogous

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



77.6250, 49.2880, -1.1760



75.0880, 36.9580, -20.0180



72.4590, 10.6880, -28.5120

Triad

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



75.0880, 36.9580, -20.0180



69.1200, -62.3520, -15.3760



81.6770, 18.2880, 32.0160

Complementary

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



75.0880, 36.9580, -20.0180



22.9120, -36.9580, 20.0180

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.



80.9480, -19.4440, 21.9960



75.0880, 36.9580, -20.0180



69.6220, -69.2770, -5.5090

Square

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



75.0880, 36.9580, -20.0180



65.1300, -51.1170, -26.2610



66.7670, -70.8830, 1.5730



77.7260, 42.9550, 31.0110

Rectangle

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



75.0880, 36.9580, -20.0180



67.8180, -15.3080, -30.9560



66.7670, -70.8830, 1.5730



82.3490, 7.4680, 29.8680

Sweetspot

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



75.0880, 36.9580, -20.0180



118.8580, 14.7190, -7.9450



31.6960, 51.6670, 27.3070



58.4430, 8.7580, -4.5380



191.0000, -0.0000, -0.0000



64.0000, -0.0000, -0.0000

Same Dimension

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



75.0880, 36.9580, -20.0180



97.5590, 48.5130, -25.6870



78.4560, 14.7700, -36.4140



46.9570, 1.5590, -0.7210



85.7310, 42.2770, -22.8030



183.8770, 90.5150, -49.0130

Inverse Universe

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



22.9120, -36.9580, 20.0180



29.8540, -48.2380, 26.2100



19.5440, -14.7700, 36.4140



45.0430, -1.5590, 0.7210



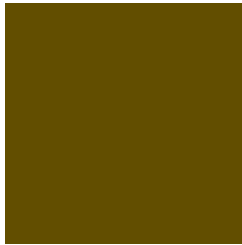
26.2690, -42.2770, 22.8030



56.1230, -90.5150, 49.0130

Previews

White Background



This preview shows how the YIQ color 75.0880, 36.9580, -20.0180 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 75.0880, 36.9580, -20.0180 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 75.0880, 36.9580, -20.0180

Background



This preview shows how black text looks on a background with the YIQ color 75.0880, 36.9580, -20.0180.



This preview shows how white text looks on a background with the YIQ color 75.0880, 36.9580,

-20.0180.

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

75.0880, 36.9580, -20.0180

Protanopia

75.2120, 30.6770, -21.8270

Deuteranopia

75.7940, 37.9660, -16.2580



Tritanopia

81.6540, 15.9540, 8.2260

Trichromacy



Original Color

75.0880, 36.9580, -20.0180

Protanomaly

75.4080, 33.0610, -20.9790

Deuteranomaly

75.8540, 37.7370, -17.6150

Tritanomaly

79.3370, 23.7960, -1.7400

Monochromacy



Original Color

75.0880, 36.9580, -20.0180

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.9010, 13.1600, -7.2240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 75.0880, 36.9580, -20.0180 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(98, 78, 0)` looks like.

```
.text, #text, p{  
    color:rgb(98, 78, 0)  
}
```

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(98, 78, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 78, 0) }
```

Border

The CSS property to change the border of an element to YIQ 75.0880, 36.9580, -20.0180 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(98, 78, 0) }
```


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

```
.border{ border-color:rgb(98, 78, 0) }
```

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

Here you see how a box with a 4 pixel rgb(98, 78, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 78, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(98, 78, 0); box-shadow:4px  
4px 4px 4px rgb(98, 78, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 75.0880, 36.9580, -20.0180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 78, 0) }
```

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

```
.background{ background-color: rgb(98, 78,  
0) }
```

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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