

Converting Colors

YIQ(78.6910, 22.5590, -6.8570)

Have a look what the booklet for
YIQ(78.6910, 22.5590, -6.8570)
contains.

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Color

**YIQ(78.6910, 22.5590,
-6.8570)**

Conversions

Conversions Part 1

Format	Color
Hex	604D2A
RGB	96, 77, 42
RGB Percent	38%, 30%, 16%
CMY	0.6235, 0.6981, 0.8352
CMYK	0.00, 0.20, 0.56, 0.62
HSL	39°, 39%, 27%
HSV	39°, 56%, 38%
XYZ	7.8963, 7.9611, 3.3138
YIQ	78.6910, 22.5590, -6.8570

Conversions

Conversions Part 2

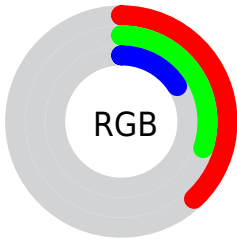
Format	Color
R_{YB}	71, 96, 42
Decimal	6311210
CIE _{Lab}	33.90, 3.08, 23.59
CIE _{LCh}	34, 23.794, 82.569
Yxy	7.9611, 0.4119, 0.4153
Android (android.graphics.Color)	4284501290 (0xFF604D2A)
YUV	78.6910, -18.0887, 15.1800
Hunter-Lab	28.2155, 0.5772, 12.7875

Details

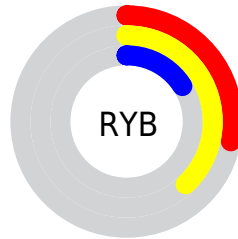
The YIQ color **78.6910, 22.5590, -6.8570** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **59.3090, -22.5590, 6.8570**, and the grayscale version is **79.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **128.2460, 25.3100, -7.1540**, and **34.0220, 20.1290, -6.8710** is the 20% darker color. If you saturate the color by 10%, you get **75.7900, 26.5940, -8.3980**, and if you desaturate by 10%, it is **81.5920, 18.5240, -5.3160**.

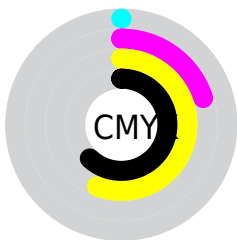
Distribution



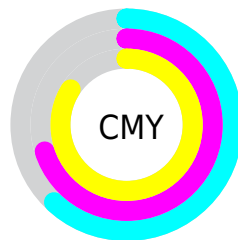
- Red (38%)
- Green (30%)
- Blue (16%)



- Red (28%)
- Yellow (38%)
- Blue (16%)



- Cyan (0%)
- Magenta (20%)
- Yellow (56%)
- Black (62%)



- Cyan (62%)
- Magenta (70%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 78.6910, 22.5590, -6.8570 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 78.6910, 22.5590, -6.8570 by changing the saturation by 10% instead.

■ 78.6910, 22.5590,
-6.8570

■ 78.6910, 22.5590,
-6.8570

■ 255.0000, -0.0000,
-0.0000

■ 55.3210, 20.7250,
-6.6590

■ 128.2460, 25.3100,
-7.1540

■ 34.0220, 20.1290,
-6.8710

■ 154.4310, 26.2270,
-7.2530

■ 13.6330, 11.2790,
-0.6650

■ 181.0290, 27.4190,
-6.8290

■ 0.0000, 0.0000,
0.0000

■ 209.1000, 28.6570,
-7.2390

■ 235.4910, 25.9980,
-8.6100

■ 251.0100, 11.2350,

-10.8850

254.3160, 1.9260,
-1.8660

78.6910, 22.5590,
-6.8570

78.6910, 22.5590,
-6.8570

75.7900, 26.5940,
-8.3980

81.5920, 18.5240,
-5.3160

72.4160, 30.5830,
-9.1050

84.9660, 14.5350,
-4.6090

69.5150, 34.6180,
-10.6460

87.8670, 10.5000,
-3.0680

66.1410, 38.6070,
-11.3530

91.2410, 6.5110,
-2.3610

65.0980, 40.1660,
-12.0740

94.1420, 2.4760,
-0.8200

■ 97.0430, -1.5590,
0.7210

■ 100.4170, -5.5480,
1.4280

■ 103.3180, -9.5830,
2.9690

■ 106.1050,
-13.2970, 4.1990

Harmonies

Analogous

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



79.6800, 30.2600, 2.2600



78.6910, 22.5590, -6.8570



76.7600, 8.9430, -13.4010

Triad

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



78.6910, 22.5590, -6.8570



63.5460, -54.9240, -17.8360



82.4330, 6.6910, 16.4110

Complementary

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



78.6910, 22.5590, -6.8570



59.3090, -22.5590, 6.8570

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.



80.6200, -13.0690, 11.0830



78.6910, 22.5590, -6.8570



63.4950, -58.9140, -11.6020

Square

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



78.6910, 22.5590, -6.8570



69.0510, -31.5410, -17.5970



74.6170, -35.3500, 1.8820



81.6320, 22.1880, 16.3960

Rectangle

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



78.6910, 22.5590, -6.8570



75.1330, -2.4730, -15.7610



74.6170, -35.3500, 1.8820



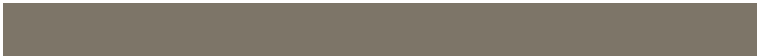
82.0840, 0.3640, 15.4360

Sweetspot

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



78.6910, 22.5590, -6.8570



117.9100, 8.9410, -2.3470



60.4260, 25.7640, 17.6680



59.5830, 5.5480, -1.4280



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.



78.6910, 22.5590, -6.8570



97.8140, 35.2140, -10.4340



87.7510, 13.1620, -18.2780



46.9570, 1.5590, -0.7210



76.3390, 46.6770, -14.4350



162.7450, 100.4150, -30.1850

Inverse Universe

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



59.3090, -22.5590, 6.8570



68.1860, -35.2140, 10.4340



50.2490, -13.1620, 18.2780



45.0430, -1.5590, 0.7210



36.2480, -46.9520, 13.9120



76.6680, -100.1400, 30.7080

Previews

White Background



This preview shows how the YIQ color 78.6910, 22.5590, -6.8570 looks on a white background.

Color Contrast Check

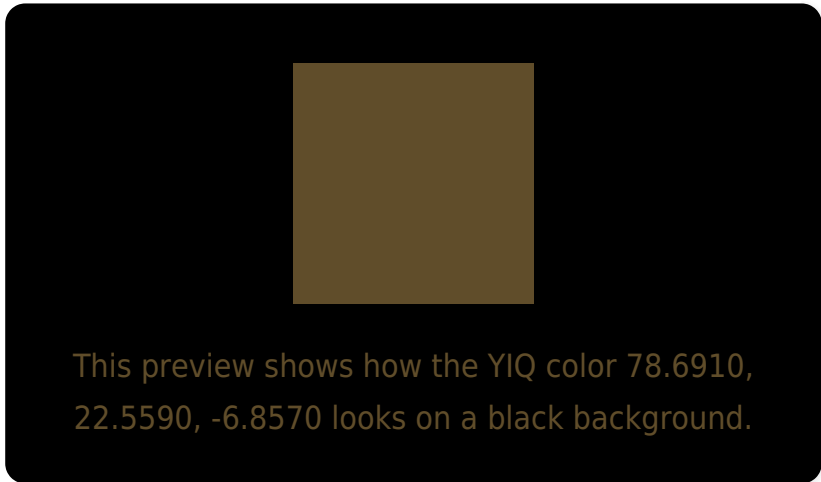
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 78.6910, 22.5590, -6.8570

Background



This preview shows how black text looks on a background with the YIQ color 78.6910, 22.5590, -6.8570.



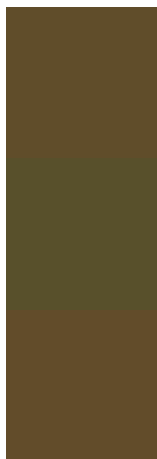
This preview shows how white text looks on a background with the YIQ color 78.6910, 22.5590,

-6.8570.

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

78.6910, 22.5590, -6.8570

Protanopia

78.1740, 16.6450, -9.8110

Deuteranopia

78.7020, 24.0260, -5.9100



Tritanopia

81.3440, 13.8910, 7.0670

Trichromacy



Original Color

78.6910, 22.5590, -6.8570

Protanomaly

78.4840, 18.7080, -8.6520

Deuteranomaly

78.4030, 23.4300, -6.1220

Tritanomaly

80.1500, 17.1930, 2.2890

Monochromacy



Original Color

78.6910, 22.5590, -6.8570

Achromatopsia

79.0000, -0.0000, 0.0000

Achromatomaly

78.7250, 8.0240, -2.2480

CSS Examples

Text

The CSS property to change the color of the text to YIQ 78.6910, 22.5590, -6.8570 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(96, 77, 42)` looks like.

```
.text, #text, p{  
    color:rgb(96, 77, 42)  
}
```

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(96, 77, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 77, 42) }
```

Border

The CSS property to change the border of an element to YIQ 78.6910, 22.5590, -6.8570 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(96, 77, 42) }
```


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

```
.border{ border-color:rgb(96, 77, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 77, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 77, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 77, 42);  
box-shadow:4px 4px 4px 4px rgb(96, 77, 42)  
}
```

Background

The CSS property to change the background color of an element to YIQ 78.6910, 22.5590, -6.8570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 77, 42) }
```

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

```
.background{ background-color: rgb(96, 77,  
42) }
```

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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