

Converting Colors

YIQ(76.9420, -12.4210,
-22.7010)

Have a look what the booklet for
YIQ(76.9420, -12.4210, -22.7010)
contains.

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Color

**YIQ(76.9420, -12.4210,
-22.7010)**

Conversions

Conversions Part 1

Format	Color
Hex	335F34
RGB	51, 95, 52
RGB Percent	20%, 37%, 20%
CMY	0.8001, 0.6274, 0.7961
CMYK	0.46, 0.00, 0.45, 0.63
HSL	121°, 30%, 29%
HSV	121°, 46%, 37%
XYZ	6.0772, 9.1386, 4.6919
YIQ	76.9420, -12.4210, -22.7010

Conversions

Conversions Part 2

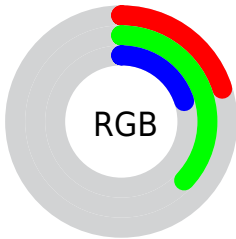
Format	Color
RYB	51, 94, 95
Decimal	3366708
CIELab	36.25, -25.28, 19.97
CIELCh	36, 32.214, 141.694
Yxy	9.1386, 0.3053, 0.4590
Android (android.graphics.Color)	4281556788 (0xFF335F34)
YUV	76.9420, -12.2964, -22.7511
Hunter-Lab	30.2301, -17.0187, 11.9588




Details

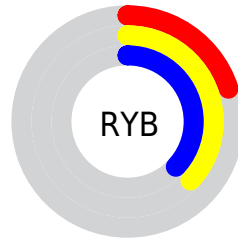
The YIQ color **76.9420, -12.4210, -22.7010** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **69.0580, 12.4210, 22.7010**, and the grayscale version is **77.0000, -0.0000, -0.0000**.




A 20% lighter version of the original color is **126.8880, -12.3290, -24.3690**, and **29.2730, -14.8510, -22.7150** is the 20% darker color. If you saturate the color by 10%, you get **72.9260, -15.4920, -27.6200**, and if you desaturate by 10%, it is **80.6590, -9.9460, -17.9940**.

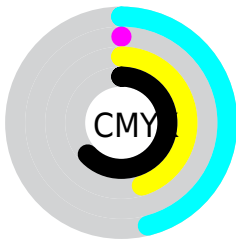
Distribution







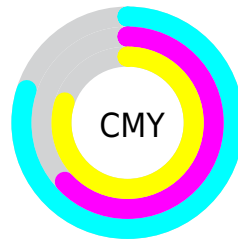
-  Red (20%)
-  Green (37%)
-  Blue (20%)






-  Red (20%)
-  Yellow (37%)
-  Blue (37%)



-  Cyan (46%)
-  Magenta (0%)
-  Yellow (45%)
-  Black (63%)



-  Cyan (80%)
-  Magenta (63%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 76.9420, -12.4210, -22.7010 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 76.9420, -12.4210, -22.7010 by changing the saturation by 10% instead.

■ 76.9420, -12.4210,
-22.7010

■ 76.9420, -12.4210,
-22.7010

■ 255.0000, -0.0000,
-0.0000

■ 53.1700, -13.0630,
-22.0790

■ 126.8880,
-12.3290, -24.3690

■ 29.2730, -14.8510,
-22.7150

■ 153.3610,
-12.2830, -25.2030

■ 17.0230, -7.9750,
-15.1670

■ 180.2470,
-11.9620, -25.5140

■ 0.0000, 0.0000,
0.0000

■ 207.8340,
-12.2370, -26.0370

■ 235.2470,
-11.9620, -25.5140

■ 246.8110, -4.2620,

-10.8700

■ 76.9420, -12.4210,
-22.7010

■ 76.9420, -12.4210,
-22.7010

■ 72.9260, -15.4920,
-27.6200

■ 80.6590, -9.9460,
-17.9940

■ 69.0950, -17.6460,
-32.6380

■ 84.7890, -7.1960,
-12.7640

■ 65.0790, -20.7170,
-37.5570

■ 88.5060, -4.7210,
-8.0570

■ 61.3620, -23.1920,
-42.2640

■ 92.5220, -1.6500,
-3.1380

■ 57.3460, -26.2630,
-47.1830

■ 96.2390, 0.8250,
1.5690

■ 55.9930, -26.7670,
-49.0630

■ 100.3690, 3.5750,
6.7990

■ 104.0860, 6.0500,
11.5060

■ 108.1020, 9.1210,
16.4250

■ 111.9330, 11.2750,
21.4430

Harmonies

Analogous

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



81.3380, 12.8870, -18.8010



76.9420, -12.4210, -22.7010



66.3040, -51.6670, -27.3070

Triad

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



76.9420, -12.4210, -22.7010



69.2310, -66.6180, -4.1380



85.0870, 39.8400, 15.8720

Complementary

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



76.9420, -12.4210, -22.7010



69.0580, 12.4210, 22.7010

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.



86.8550, 29.1100, 23.1100



76.9420, -12.4210, -22.7010



85.1340, -20.2680, 14.9000

Square

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



76.9420, -12.4210, -22.7010



70.6020, -66.5250, -11.3330



88.0190, 8.1570, 22.8850



84.7690, 40.2550, 2.8390

Rectangle

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



76.9420, -12.4210, -22.7010



68.3560, -57.4450, -21.7090



88.0190, 8.1570, 22.8850



85.7110, 38.1430, 19.0950

Sweetspot

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



76.9420, -12.4210, -22.7010



115.0930, -4.9960, -8.5800



89.6850, 13.5280, -13.8960



56.8700, -2.7500, -5.2300



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.



76.9420, -12.4210, -22.7010



94.0300, -19.0210, -35.2530



79.4500, -19.4830, -15.8590



46.3480, -1.1000, -2.0920



66.0860, -31.7630, -57.6430



141.5640, -67.9260, -123.6540

Inverse Universe

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



69.0580, 12.4210, 22.7010



81.9700, 19.0210, 35.2530



66.5500, 19.4830, 15.8590



45.6520, 1.1000, 2.0920



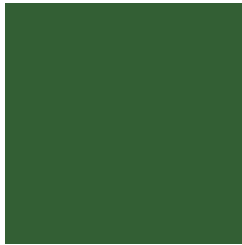
46.0280, 31.4420, 57.9540



98.4360, 67.9260, 123.6540

Previews

White Background



This preview shows how the YIQ color 76.9420, -12.4210, -22.7010 looks on a white background.

Color Contrast Check

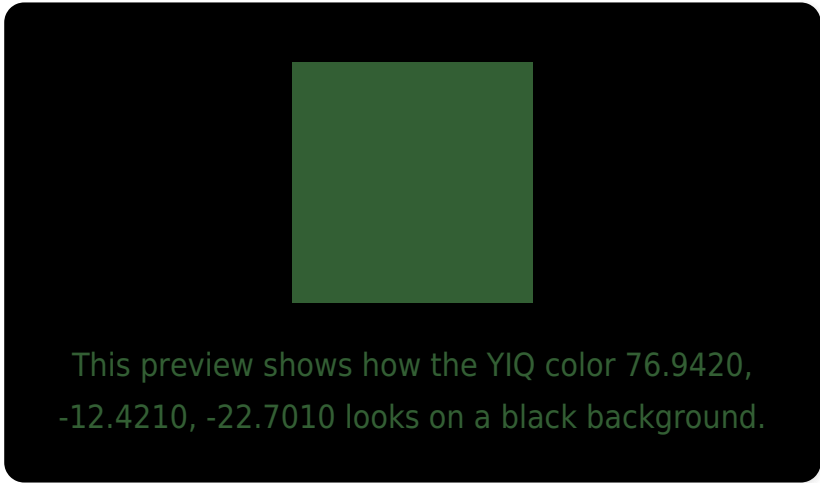
Large Text (above 18pt) WCAG AA ✓ Pass

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

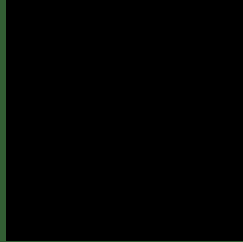
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 76.9420, -12.4210, -22.7010

Background



This preview shows how black text looks on a background with the YIQ color 76.9420, -12.4210, -22.7010.



This preview shows how white text looks on a background with the YIQ color 76.9420, -12.4210,

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

76.9420, -12.4210, -22.7010

Protanopia

83.1740, 16.6450, -9.8110

Deuteranopia

84.3150, 20.8620, -3.6340



Tritanopia

81.8280, -20.1270, -4.1830

Trichromacy



Original Color

76.9420, -12.4210, -22.7010

Protanomaly

81.1510, 6.2840, -14.7720

Deuteranomaly

81.4550, 8.4840, -10.5880

Tritanomaly

80.2810, -17.3290, -10.8410

Monochromacy



Original Color

76.9420, -12.4210, -22.7010

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

77.3920, -4.4000, -8.3680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 76.9420, -12.4210, -22.7010 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(51, 95, 52)` looks like.

```
.text, #text, p{  
    color:rgb(51, 95, 52)  
}
```

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(51, 95, 52) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 95, 52) }
```

Border

The CSS property to change the border of an element to YIQ 76.9420, -12.4210, -22.7010 is called "border". The border property can be set on classes, ids or directly on the HTML element.

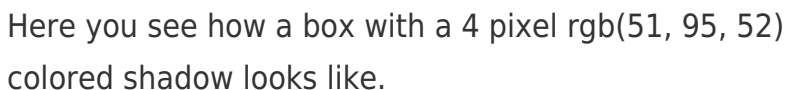
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(51, 95, 52) }
```


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

```
.border{ border-color:rgb(51, 95, 52) }
```

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



Here you see how a box with a 4 pixel `rgb(51, 95, 52)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 95, 52); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 95, 52);  
box-shadow:4px 4px 4px 4px rgb(51, 95, 52)  
}
```

Background

The CSS property to change the background color of an element to YIQ 76.9420, -12.4210, -22.7010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 95, 52) }
```

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

```
.background{ background-color: rgb(51, 95,  
52) }
```

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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