

Converting Colors

YIQ(67.3690, 28.7970, -20.7950)

Have a look what the booklet for
YIQ(67.3690, 28.7970, -20.7950)
contains.

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Color

**YIQ(67.3690, 28.7970,
-20.7950)**

Conversions

Conversions Part 1

Format	Color
Hex	524900
RGB	82, 73, 0
RGB Percent	32%, 29%, 0%
CMY	0.6785, 0.7137, 0.9998
CMYK	0.00, 0.11, 1.00, 0.68
HSL	53°, 100%, 16%
HSV	53°, 100%, 32%
XYZ	5.8617, 6.5582, 0.9582
YIQ	67.3690, 28.7970, -20.7950

Conversions

Conversions Part 2

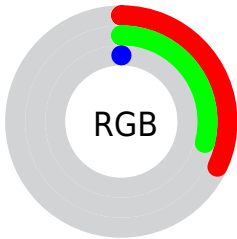
Format	Color
R_{YB}	10, 82, 0
Decimal	5392640
CIE Lab	30.78, -4.09, 39.36
CIE LCh	31, 39.575, 95.933
Yxy	6.5582, 0.4382, 0.4902
Android (android.graphics.Color)	4283582720 (0xFF524900)
YUV	67.3690, -33.2129, 12.8314
Hunter-Lab	25.6090, -3.9588, 15.7080

Details

The YIQ color **67.3690, 28.7970, -20.7950** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **14.6310, -28.7970, 20.7950**, and the grayscale version is **68.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **116.9070, 30.2180, -19.0140**, and **27.4770, 11.4180, -8.6940** is the 20% darker color. If you saturate the color by 10%, you get **67.3690, 28.7970, -20.7950**, and if you desaturate by 10%, it is **68.8680, 25.9540, -18.8300**.

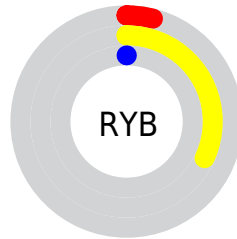
Distribution



Red (32%)

Green (29%)

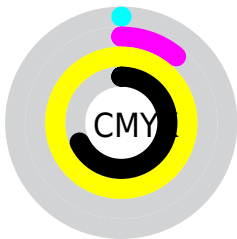
Blue (0%)



Red (4%)

Yellow (32%)

Blue (0%)

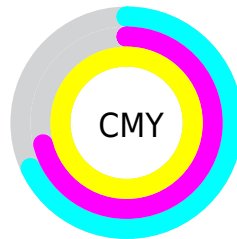


Cyan (0%)

Magenta (11%)

Yellow (100%)

Black (68%)



Cyan (68%)

Magenta (71%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 67.3690, 28.7970, -20.7950 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 67.3690, 28.7970, -20.7950 by changing the saturation by 10% instead.

67.3690, 28.7970,
-20.7950

67.3690, 28.7970,
-20.7950

252.8340, 6.0990,
-5.9090

47.2790, 20.5430,
-14.3770

116.9070, 30.2180,
-19.0140

27.4770, 11.4180,
-8.6940

143.3910, 31.7310,
-18.9010

2.9350, -1.3750,
-2.6150

169.8750, 33.2440,
-18.7880

0.0000, 0.0000,
0.0000


197.5330, 34.2070,
-19.7210


225.7180, 35.1240,
-19.8200


246.4500, 24.0750,


-23.3250


 249.6420, 15.0870,
-14.6170


 67.3690, 28.7970,
-20.7950

 68.8680, 25.9540,
-18.8300

 70.3670, 23.1110,
-16.8650

 71.9800, 19.9470,
-14.5890

 73.4790, 17.1040,
-12.6240

 74.3910, 14.5360,
-10.1360

■ 75.8900, 11.6930,
-8.1710

■ 77.3890, 8.8500,
-6.2060

■ 79.0020, 5.6860,
-3.9300

■ 80.5010, 2.8430,
-1.9650

Harmonies

Analogous

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



69.7550, 42.8700, -6.0100



67.3690, 28.7970, -20.7950



64.4350, 2.0680, -26.4760

Triad

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



67.3690, 28.7970, -20.7950



62.7940, -58.3180, -11.3900



73.4340, 23.2860, 29.5420

Complementary

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



67.3690, 28.7970, -20.7950



14.6310, -28.7970, 20.7950

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.



74.0480, -7.9820, 23.5220



67.3690, 28.7970, -20.7950



62.8400, -63.9590, -2.7670

Square

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



67.3690, 28.7970, -20.7950



59.9610, -48.9630, -21.2430



58.7140, -63.3640, 2.9720



69.7920, 42.5890, 26.6290

Rectangle

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



67.3690, 28.7970, -20.7950



57.5980, -26.3120, -29.7680



58.7140, -63.3640, 2.9720



74.4160, 14.5290, 28.5530

Sweetspot

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



67.3690, 28.7970, -20.7950



101.5910, 11.0970, -8.3830



25.6580, 45.6620, 20.4940



49.9590, 7.2450, -4.6510



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



67.3690, 28.7970, -20.7950



87.7580, 37.6470, -27.0010



63.3830, 7.8460, -32.0740



39.9570, 1.5590, -0.7210



85.9860, 37.0050, -26.3790



190.8770, 81.3470, -59.0770

Inverse Universe

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



14.6310, -28.7970, 20.7950



19.2420, -37.6470, 27.0010



18.6170, -7.8460, 32.0740



37.4560, -1.2840, 1.2440



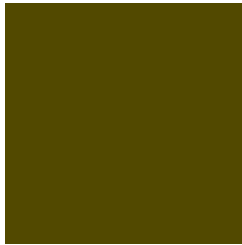
18.4270, -36.7300, 26.9020



41.1230, -81.3470, 59.0770

Previews

White Background



This preview shows how the YIQ color 67.3690, 28.7970, -20.7950 looks on a white background.

Color Contrast Check

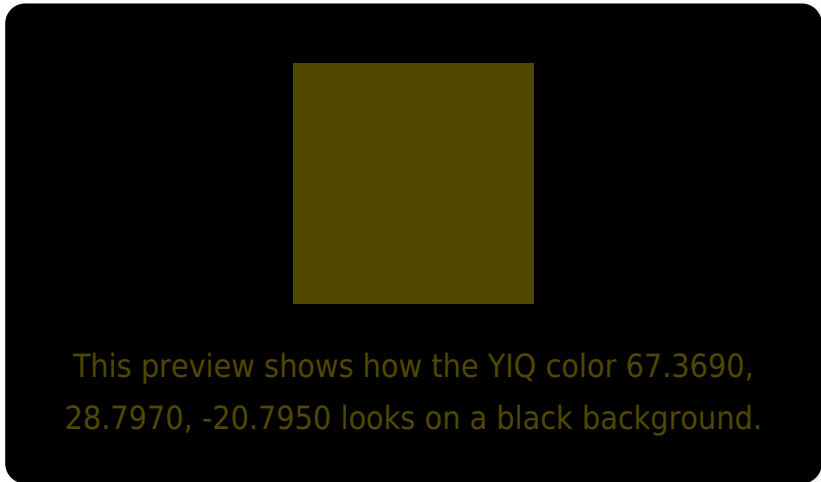
Large Text (above 18pt) WCAG AA ✓ Pass

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

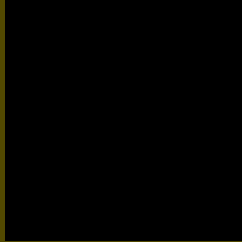
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 67.3690, 28.7970, -20.7950

Background



This preview shows how black text looks on a background with the YIQ color 67.3690, 28.7970, -20.7950.



This preview shows how white text looks on a background with the YIQ color 67.3690, 28.7970,

-20.7950.

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

67.3690, 28.7970, -20.7950

Protanopia

67.3690, 28.7970, -20.7950

Deuteranopia

69.0370, 32.9680, -13.7840



Tritanopia

73.9520, 9.1230, 5.3710

Trichromacy



Original Color

67.3690, 28.7970, -20.7950

Protanomaly

67.3690, 28.7970, -20.7950

Deuteranomaly

68.0860, 31.2720, -16.0880

Tritanomaly

71.7490, 16.6440, -4.2840

Monochromacy



Original Color

67.3690, 28.7970, -20.7950

Achromatopsia

67.0000, -0.0000, -0.0000

Achromatomaly

66.9330, 10.1340, -7.4500

CSS Examples

Text

The CSS property to change the color of the text to YIQ 67.3690, 28.7970, -20.7950 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(82, 73, 0)` looks like.

```
.text, #text, p{  
    color:rgb(82, 73, 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(82, 73, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 73, 0) }
```

Border

The CSS property to change the border of an element to YIQ 67.3690, 28.7970, -20.7950 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(82, 73, 0) }
```


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

```
.border{ border-color:rgb(82, 73, 0) }
```

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

Here you see how a box with a 4 pixel rgb(82, 73, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 73, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(82, 73, 0); box-shadow:4px  
4px 4px 4px rgb(82, 73, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 67.3690, 28.7970, -20.7950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 73, 0) }
```

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

```
.background{ background-color: rgb(82, 73,  
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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