

Converting Colors

YIQ(35.4990, 6.3250, 12.0290)

Have a look what the booklet for
YIQ(35.4990, 6.3250, 12.0290)
contains.

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Color

**YIQ(35.4990, 6.3250,
12.0290)**

Conversions

Conversions Part 1

Format	Color
Hex	311A31
RGB	49, 26, 49
RGB Percent	19%, 10%, 19%
CMY	0.8078, 0.8981, 0.8078
CMYK	0.00, 0.47, 0.00, 0.81
HSL	300°, 31%, 15%
HSV	300°, 47%, 19%
XYZ	2.1911, 1.6135, 3.1019
YIQ	35.4990, 6.3250, 12.0290

Conversions

Conversions Part 2

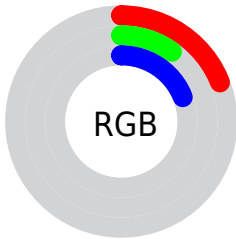
Format	Color
R_{YB}	49, 26, 49
Decimal	3217969
CIE _{Lab}	13.31, 15.96, -10.54
CIE _{LCh}	13, 19.124, 326.540
Yxy	1.6135, 0.3172, 0.2336
Android (android.graphics.Color)	4281408049 (0xFF311A31)
YUV	35.4990, 6.6560, 11.8404
Hunter-Lab	12.7025, 8.5603, -5.5866

Details

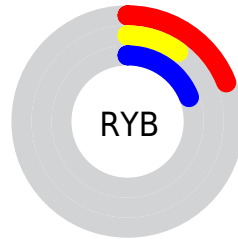
The YIQ color **35.4990, 6.3250, 12.0290** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **39.5010, -6.3250, -12.0290**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **80.6240, 7.4710, 13.2870**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **32.5640, 7.7000, 14.6440**, and if you desaturate by 10%, it is **38.4340, 4.9500, 9.4140**.

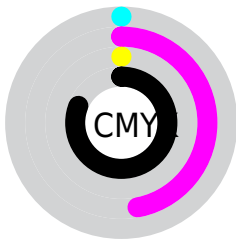
Distribution



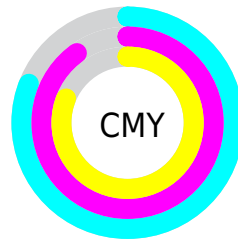
- Red (19%)
- Green (10%)
- Blue (19%)



- Red (19%)
- Yellow (10%)
- Blue (19%)



- Cyan (0%)
- Magenta (47%)
- Yellow (0%)
- Black (81%)



- Cyan (81%)
- Magenta (90%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 35.4990, 6.3250, 12.0290 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 35.4990, 6.3250, 12.0290 by changing the saturation by 10% instead.

■ 35.4990, 6.3250,
12.0290

■ 35.4990, 6.3250,
12.0290

■ 255.0000, -0.0000,
-0.0000

■ 12.4500, 8.0210,
14.3330

■ 80.6240, 7.4710,
13.2870

■ 0.0000, 0.0000,
0.0000

■ 105.0370, 7.7460,
13.8100

■ 130.4500, 8.0210,
14.3330

■ 156.1620, 8.8920,
15.0680

■ 183.2760, 8.5710,
15.3790

■ 210.6890, 8.8460,

15.9020

237.9770, 7.9750,
15.1670

35.4990, 6.3250,
12.0290

35.4990, 6.3250,
12.0290

32.5640, 7.7000,
14.6440

38.4340, 4.9500,
9.4140

29.6290, 9.0750,
17.2590

41.3690, 3.5750,
6.7990

26.6940, 10.4500,
19.8740

44.3040, 2.2000,
4.1840

23.7590, 11.8250,
22.4890

47.2390, 0.8250,
1.5690

20.8240, 13.2000,
25.1040

50.1740, -0.5500,
-1.0460

■ 20.2370, 13.4750,
25.6270

■ 52.5220, -1.6500,
-3.1380

■ 55.4570, -3.0250,
-5.7530

■ 58.3920, -4.4000,
-8.3680

■ 61.3270, -5.7750,
-10.9830

Harmonies

Analogous

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



34.3770, -8.0710, 8.6090



35.4990, 6.3250, 12.0290



34.9470, 16.6870, 11.4630

Triad

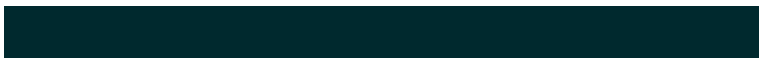
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.4990, 6.3250, 12.0290



32.6410, 16.8280, -7.6200



29.3110, -26.0410, -7.1370

Complementary

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



35.4990, 6.3250, 12.0290



39.5010, -6.3250, -12.0290

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.



27.7150, -21.5470, -11.4910



35.4990, 6.3250, 12.0290



31.6720, 6.3750, -10.9130

Square

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



35.4990, 6.3250, 12.0290



33.4230, 20.6780, -0.2980



28.9460, -9.0760, -11.7320



29.2770, -28.7010, -2.9810

Rectangle

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



35.4990, 6.3250, 12.0290



34.2200, 20.1720, 8.8760



28.9460, -9.0760, -11.7320



28.7410, -24.4360, -8.6920

Sweetspot

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



35.4990, 6.3250, 12.0290



58.7170, 2.4750, 4.7070



28.6220, -7.3830, 7.1530



30.0650, 1.3750, 2.6150



161.0000, -0.0000, -0.0000



33.0000, -0.0000, -0.0000

Same Dimension

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



35.4990, 6.3250, 12.0290



42.8680, 9.9000, 18.8280



34.2450, 9.8560, 8.6080



24.1250, 1.1460, 1.2580



36.7570, 24.4750, 46.5470



89.6210, 59.6750, 113.4910

Inverse Universe

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



35.4990, 6.3250, 12.0290



42.8680, 9.9000, 18.8280



40.8690, -10.1770, -8.2970



24.1250, 1.1460, 1.2580



36.7570, 24.4750, 46.5470



89.6210, 59.6750, 113.4910

Previews

White Background



This preview shows how the YIQ color 35.4990, 6.3250, 12.0290 looks on a white background.

Color Contrast Check

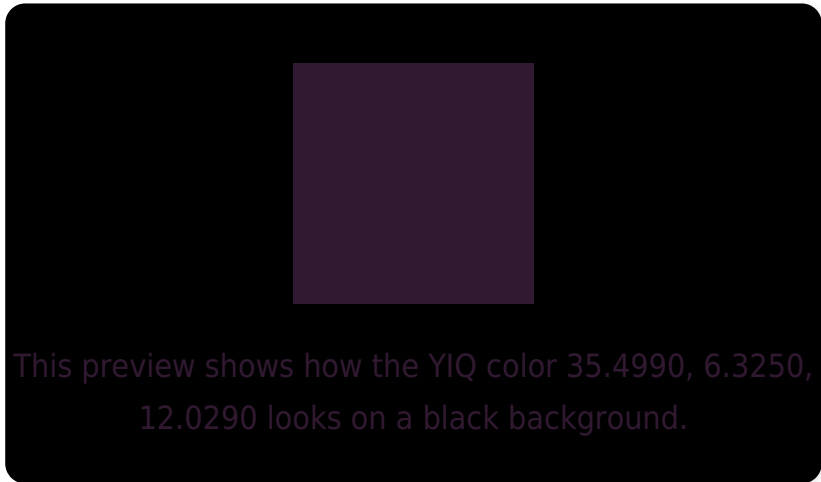
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.4990, 6.3250, 12.0290

Background



This preview shows how black text looks on a background with the YIQ color 35.4990, 6.3250, 12.0290.



This preview shows how white text looks on a background with the YIQ color 35.4990, 6.3250,

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

35.4990, 6.3250, 12.0290

Protanopia

34.1160, -11.8300, 5.1460

Deuteranopia

34.6990, -6.2820, 3.7180



Tritanopia

35.3110, 9.4900, 4.2260

Trichromacy



Original Color

35.4990, 6.3250, 12.0290

Protanomaly

34.4050, -5.2740, 7.4780

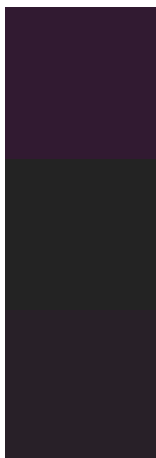
Deuteranomaly

35.0310, -1.2850, 6.7710

Tritanomaly

35.7070, 8.4350, 6.8270

Monochromacy



Original Color

35.4990, 6.3250, 12.0290

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.3040, 2.2000, 4.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 35.4990, 6.3250, 12.0290 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(49, 26, 49)` looks like.

```
.text, #text, p{  
    color:rgb(49, 26, 49)  
}
```

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(49, 26, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 26, 49) }
```

Border

The CSS property to change the border of an element to YIQ 35.4990, 6.3250, 12.0290 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(49, 26, 49) }
```


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

```
.border{ border-color:rgb(49, 26, 49) }
```

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

Here you see how a box with a 4 pixel rgb(49, 26, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 26, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 26, 49);  
box-shadow:4px 4px 4px 4px rgb(49, 26, 49)  
}
```

Background

The CSS property to change the background color of an element to YIQ 35.4990, 6.3250, 12.0290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 26, 49) }
```

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

```
.background{ background-color: rgb(49, 26,  
49) }
```

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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