

Converting Colors

YIQ(41.4990, 6.3250, 12.0290)

Have a look what the booklet for
YIQ(41.4990, 6.3250, 12.0290)
contains.

YIQ(41.4990, 6.3250, 12.0290)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(41.4990, 6.3250,
12.0290)**

Conversions

Conversions Part 1

Format	Color
Hex	372037
RGB	55, 32, 55
RGB Percent	22%, 13%, 22%
CMY	0.7842, 0.8745, 0.7843
CMYK	0.00, 0.42, 0.00, 0.78
HSL	300°, 26%, 17%
HSV	300°, 42%, 22%
XYZ	2.7824, 2.1211, 3.8774
YIQ	41.4990, 6.3250, 12.0290

Conversions

Conversions Part 2

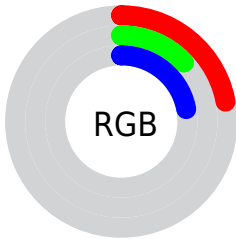
Format	Color
R_{YB}	55, 32, 55
Decimal	3612727
CIE _{Lab}	16.11, 15.69, -10.44
CIE _{LCh}	16, 18.846, 326.370
Yxy	2.1211, 0.3169, 0.2416
Android (android.graphics.Color)	4281802807 (0xFF372037)
YUV	41.4990, 6.6560, 11.8404
Hunter-Lab	14.5639, 8.6150, -5.5903

Details

The YIQ color **41.4990, 6.3250, 12.0290** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **45.5010, -6.3250, -12.0290**, and the grayscale version is **41.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **87.3250, 6.8750, 13.0750**, and **1.0260, -2.8890, 2.7990** is the 20% darker color. If you saturate the color by 10%, you get **37.9770, 7.9750, 15.1670**, and if you desaturate by 10%, it is **44.4340, 4.9500, 9.4140**.

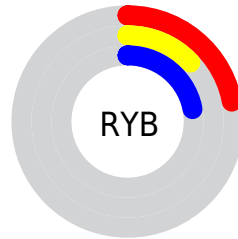
Distribution



Red (22%)

Green (13%)

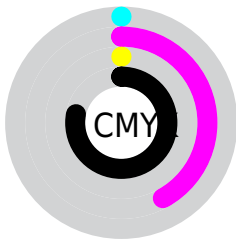
Blue (22%)



Red (22%)

Yellow (13%)

Blue (22%)

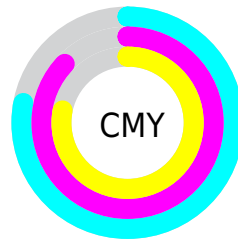


Cyan (0%)

Magenta (42%)

Yellow (0%)

Black (78%)



Cyan (78%)

Magenta (87%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.4990, 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 41.4990, 6.3250, 12.0290 by changing the saturation by 10% instead.

■ 41.4990, 6.3250,
12.0290

■ 41.4990, 6.3250,
12.0290

■ 255.0000, -0.0000,
-0.0000

■ 20.2000, 5.7290,
11.8170

■ 87.3250, 6.8750,
13.0750

■ 1.0260, -2.8890,
2.7990

■ 112.0370, 7.7460,
13.8100

■ 0.0000, 0.0000,
0.0000

■ 137.4500, 8.0210,
14.3330

■ 163.8630, 8.2960,
14.8560

■ 190.8630, 8.2960,
14.8560

■ 218.5750, 9.1670,

15.5910

242.6730, 5.7750,
10.9830

41.4990, 6.3250,
12.0290

41.4990, 6.3250,
12.0290

37.9770, 7.9750,
15.1670

44.4340, 4.9500,
9.4140

35.0420, 9.3500,
17.7820

47.9560, 3.3000,
6.2760

31.5200, 11.0000,
20.9200

50.8910, 1.9250,
3.6610

28.5850, 12.3750,
23.5350

54.4130, 0.2750,
0.5230

25.0630, 14.0250,
26.6730

57.9350, -1.3750,
-2.6150

■ 22.7150, 15.1250,
28.7650

■ 60.8700, -2.7500,
-5.2300

■ 64.3920, -4.4000,
-8.3680

■ 67.3270, -5.7750,
-10.9830

■ 70.8490, -7.4250,
-14.1210

Harmonies

Analogous

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



40.3770, -8.0710, 8.6090



41.4990, 6.3250, 12.0290



40.9470, 16.6870, 11.4630

Triad

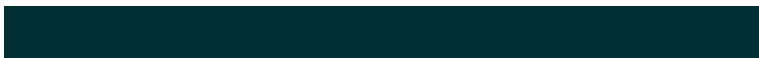
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



41.4990, 6.3250, 12.0290



39.0970, 15.5440, -6.3760



33.4030, -29.2960, -8.7200

Complementary

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



41.4990, 6.3250, 12.0290



45.5010, -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.



31.9210, -25.1230, -12.7630



41.4990, 6.3250, 12.0290



37.7150, 4.8160, -10.1920

Square

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



41.4990, 6.3250, 12.0290



39.6510, 20.0360, 0.3240



35.2450, -8.4800, -11.5200



33.4830, -32.2770, -4.2530

Rectangle

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



41.4990, 6.3250, 12.0290



40.2200, 20.1720, 8.8760



35.2450, -8.4800, -11.5200



32.9470, -28.0120, -9.9640

Sweetspot

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



41.4990, 6.3250, 12.0290



65.7170, 2.4750, 4.7070



34.6220, -7.3830, 7.1530



32.4780, 1.6500, 3.1380



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



41.4990, 6.3250, 12.0290



50.4550, 9.6250, 18.3050



40.2450, 9.8560, 8.6080



26.2390, 0.8250, 1.5690



37.9960, 25.3000, 48.1160



90.4470, 60.2250, 114.5370

Inverse Universe

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



41.4990, 6.3250, 12.0290



50.4550, 9.6250, 18.3050



46.8690, -10.1770, -8.2970



26.2390, 0.8250, 1.5690



37.9960, 25.3000, 48.1160



90.4470, 60.2250, 114.5370

Previews

White Background



This preview shows how the YIQ color 41.4990, 6.3250, 12.0290 looks on a white background.

Color Contrast Check

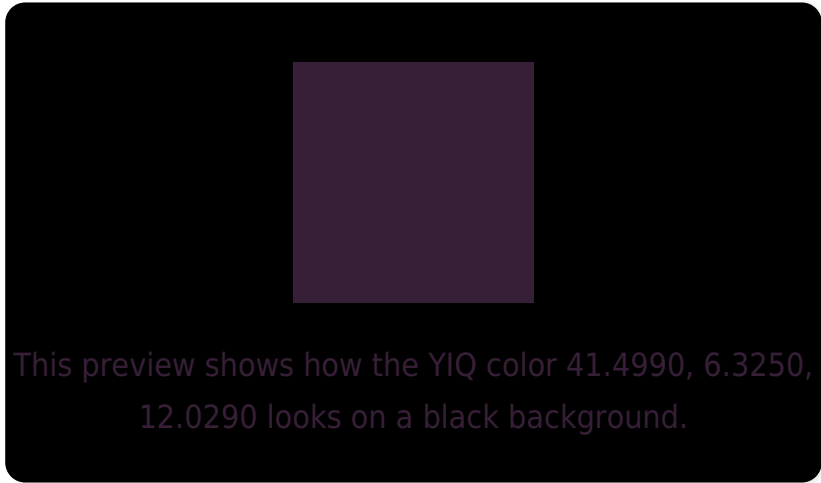
Large Text (above 18pt) WCAG AA ✓ Pass

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

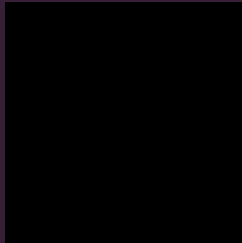
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.4990, 6.3250, 12.0290

Background



This preview shows how black text looks on a background with the YIQ color 41.4990, 6.3250, 12.0290.



This preview shows how white text looks on a background with the YIQ color 41.4990, 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

41.4990, 6.3250, 12.0290

Protanopia

40.3010, -10.9130, 5.0470

Deuteranopia

40.6990, -6.2820, 3.7180



Tritanopia

41.3110, 9.4900, 4.2260

Trichromacy



Original Color

41.4990, 6.3250, 12.0290

Protanomaly

40.7040, -4.6780, 7.6900

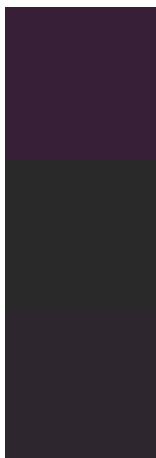
Deuteranomaly

41.0310, -1.2850, 6.7710

Tritanomaly

41.7070, 8.4350, 6.8270

Monochromacy



Original Color

41.4990, 6.3250, 12.0290

Achromatopsia

41.0000, 0.0000, -0.0000

Achromatomaly

41.3040, 2.2000, 4.1840

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.4990, 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(55, 32, 55)` looks like.

```
.text, #text, p{  
    color:rgb(55, 32, 55)  
}
```

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(55, 32, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 32, 55) }
```

Border

The CSS property to change the border of an element to YIQ 41.4990, 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(55, 32, 55) }
```


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

```
.border{ border-color:rgb(55, 32, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 32, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 32, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 32, 55);  
box-shadow:4px 4px 4px 4px rgb(55, 32, 55)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.4990, 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(55, 32, 55) }
```

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

```
.background{ background-color: rgb(55, 32,  
55) }
```

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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