

Converting Colors

YIQ(33.6330, 20.4470, 9.3990)

Have a look what the booklet for
YIQ(33.6330, 20.4470, 9.3990)
contains.

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Color

**YIQ(33.6330, 20.4470,
9.3990)**

Conversions

Conversions Part 1

Format	Color
Hex	3B161B
RGB	59, 22, 27
RGB Percent	23%, 9%, 11%
CMY	0.7685, 0.9138, 0.8940
CMYK	0.00, 0.63, 0.54, 0.77
HSL	352°, 46%, 16%
HSV	352°, 63%, 23%
XYZ	2.2897, 1.5830, 1.2230
YIQ	33.6330, 20.4470, 9.3990

Conversions

Conversions Part 2

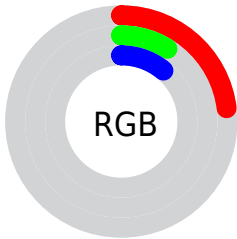
Format	Color
RYB	59, 22, 27
Decimal	3872283
CIELab	13.13, 18.86, 5.43
CIELCh	13, 19.627, 16.053
Yxy	1.5830, 0.4493, 0.3107
Android (android.graphics.Color)	4282062363 (0xFF3B161B)
YUV	33.6330, -3.2701, 22.2469
Hunter-Lab	12.5816, 10.4668, 3.0439

Details

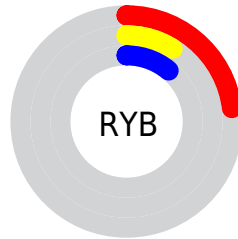
The YIQ color **33.6330, 20.4470, 9.3990** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **47.3670, -20.4470, -9.3990**, and the grayscale version is **34.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **79.3130, 24.3440, 10.3600**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.5410, 23.7020, 10.9820**, and if you desaturate by 10%, it is **37.7250, 17.1920, 7.8160**.

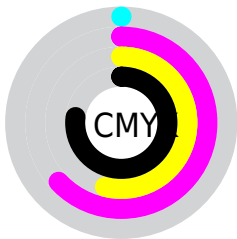
Distribution



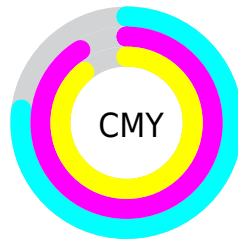
- Red (23%)
- Green (9%)
- Blue (11%)



- Red (23%)
- Yellow (9%)
- Blue (11%)



- Cyan (0%)
- Magenta (63%)
- Yellow (54%)
- Black (77%)





- Cyan (77%)
- Magenta (91%)
- Yellow (89%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 33.6330, 20.4470, 9.3990 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 33.6330, 20.4470, 9.3990 by changing the saturation by 10% instead.

 33.6330, 20.4470,
9.3990


 33.6330, 20.4470,
9.3990


 252.5380, 1.4210,
1.7810


 11.6610, 23.2440,
8.2680


 79.3130, 24.3440,
10.3600

 0.0000, 0.0000,
0.0000

 103.9110, 25.5360,
10.7840

 129.0960, 26.4530,
10.6850

 155.6940, 27.6450,
11.1090

 182.2920, 28.8370,
11.5330

 210.0040, 29.7080,

12.2680

232.3230, 18.3840,
8.2400

33.6330, 20.4470,
9.3990

33.6330, 20.4470,
9.3990

29.5410, 23.7020,
10.9820

37.7250, 17.1920,
7.8160

25.4490, 26.9570,
12.5650

41.8170, 13.9370,
6.2330

21.3570, 30.2120,
14.1480

45.9090, 10.6820,
4.6500

18.5530, 32.5960,
14.9960

50.0010, 7.4270,
3.0670

53.6200, 4.1260,
2.3180

■ 57.7120, 0.8710,
0.7350

■ 61.8040, -2.3840,
-0.8480

■ 65.8960, -5.6390,
-2.4310

■ 69.9880, -8.8940,
-4.0140

Harmonies

Analogous

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



34.9190, 13.8900, 12.5940



33.6330, 20.4470, 9.3990



33.4880, 22.0530, 2.3170

Triad

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



33.6330, 20.4470, 9.3990



29.4690, -3.2990, -11.8030



28.5590, -29.4350, -0.6910

Complementary

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



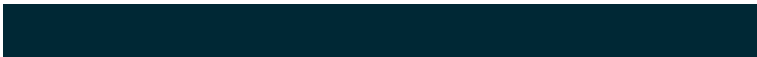
33.6330, 20.4470, 9.3990



47.3670, -20.4470, -9.3990

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.



29.5220, -28.0130, -4.4370



33.6330, 20.4470, 9.3990



26.5580, -19.6670, -12.5230

Square

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



33.6330, 20.4470, 9.3990



31.1240, 10.9140, -10.5740



28.7410, -24.4360, -8.6920



33.0880, -14.6270, 6.2770

Rectangle

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



33.6330, 20.4470, 9.3990



32.7280, 21.1370, -3.1110



28.7410, -24.4360, -8.6920



28.9180, -29.0680, -1.8360

Sweetspot

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



33.6330, 20.4470, 9.3990



66.7130, 8.2980, 3.8020



35.4870, 6.5990, 18.0790



31.9190, 4.7220, 2.5300



166.0000, -0.0000, 0.0000



38.0000, -0.0000, -0.0000

Same Dimension

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



33.6330, 20.4470, 9.3990



37.2540, 32.0000, 14.7840



40.6940, 18.4770, 1.0450



28.8970, 1.7880, 0.6360



29.5880, 51.8510, 23.9710



69.7980, 122.6820, 56.3940

Inverse Universe

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



33.6330, 20.4470, 9.3990



37.2540, 32.0000, 14.7840



40.3060, -18.4770, -1.0450



28.8970, 1.7880, 0.6360



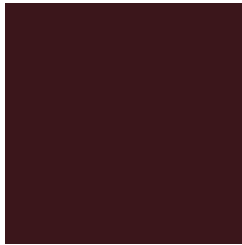
29.5880, 51.8510, 23.9710



69.7980, 122.6820, 56.3940

Previews

White Background



This preview shows how the YIQ color 33.6330, 20.4470, 9.3990 looks on a white background.

Color Contrast Check

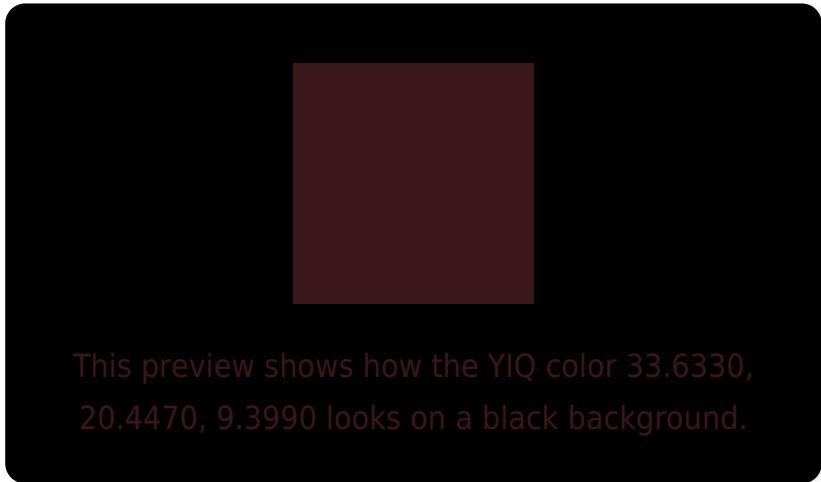
Large Text (above 18pt) WCAG AA ✓ Pass

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

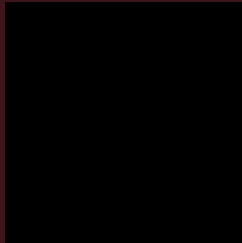
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 33.6330, 20.4470, 9.3990

Background



This preview shows how black text looks on a background with the YIQ color 33.6330, 20.4470, 9.3990.

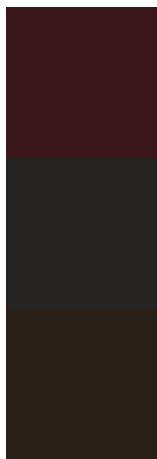


This preview shows how white text looks on a background with the YIQ color 33.6330, 20.4470,

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

33.6330, 20.4470, 9.3990

Protanopia

35.0710, 1.2380, -0.4100

Deuteranopia

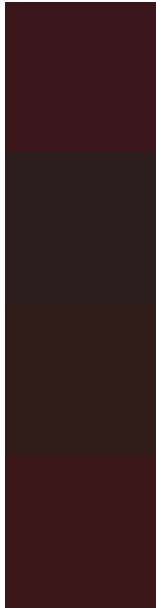
34.4800, 7.3360, -0.7920



Tritanopia

33.8780, 21.1350, 7.9430

Trichromacy



Original Color

33.6330, 20.4470, 9.3990

Protanomaly

34.3000, 8.0230, 3.2790

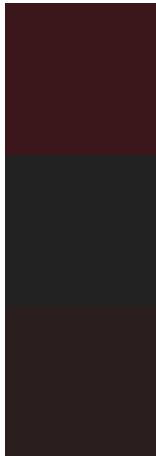
Deuteranomaly

34.3390, 12.2870, 3.0950

Tritanomaly

33.9920, 20.8140, 8.2540

Monochromacy



Original Color

33.6330, 20.4470, 9.3990

Achromatopsia

34.0000, -0.0000, 0.0000

Achromatomaly

34.0010, 7.4270, 3.0670

CSS Examples

Text

The CSS property to change the color of the text to YIQ 33.6330, 20.4470, 9.3990 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(59, 22, 27)` looks like.

```
.text, #text, p{  
    color:rgb(59, 22, 27)  
}
```

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(59, 22, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 22, 27) }
```

Border

The CSS property to change the border of an element to YIQ 33.6330, 20.4470, 9.3990 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(59, 22, 27) }
```


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

```
.border{ border-color:rgb(59, 22, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 22, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 22, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 22, 27);  
box-shadow:4px 4px 4px 4px rgb(59, 22, 27)  
}
```

Background

The CSS property to change the background color of an element to YIQ 33.6330, 20.4470, 9.3990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 22, 27) }
```

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

```
.background{ background-color: rgb(59, 22,  
27) }
```

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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