

Converting Colors

YIQ(33.0500, 32.0940, 2.0620)

Have a look what the booklet for
YIQ(33.0500, 32.0940, 2.0620)
contains.

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Color

**YIQ(33.0500, 32.0940,
2.0620)**

Conversions

Conversions Part 1

Format	Color
Hex	411701
RGB	65, 23, 1
RGB Percent	25%, 9%, 0%
CMY	0.7450, 0.9099, 0.9959
CMYK	0.00, 0.65, 0.98, 0.75
HSL	21°, 97%, 13%
HSV	21°, 98%, 25%
XYZ	2.4932, 1.7389, 0.2340
YIQ	33.0500, 32.0940, 2.0620

Conversions

Conversions Part 2

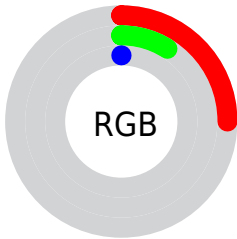
Format	Color
R_{YB}	65, 35, 1
Decimal	4265729
CIE Lab	14.05, 19.02, 20.88
CIE LCh	14, 28.248, 47.666
Yxy	1.7389, 0.5582, 0.3894
Android (android.graphics.Color)	4282455809 (0xFF411701)
YUV	33.0500, -15.8006, 28.0202
Hunter-Lab	13.1868, 10.6709, 8.1786

Details

The YIQ color **33.0500, 32.0940, 2.0620** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **32.9500, -32.0940, -2.0620**, and the grayscale version is **33.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **80.0720, 35.0280, 3.9560**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **32.3490, 32.6900, 2.2740**, and if you desaturate by 10%, it is **36.1960, 28.7470, 2.1470**.

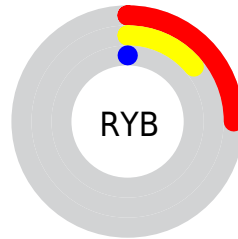
Distribution



Red (25%)

Green (9%)

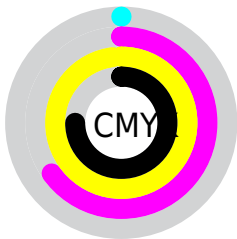
Blue (0%)



Red (25%)

Yellow (14%)

Blue (0%)

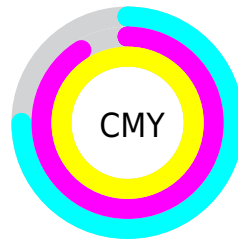


Cyan (0%)

Magenta (65%)

Yellow (98%)

Black (75%)



Cyan (75%)


Magenta (91%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 33.0500, 32.0940, 2.0620 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 33.0500, 32.0940, 2.0620 by changing the saturation by 10% instead.

 33.0500, 32.0940,
2.0620


 33.0500, 32.0940,
2.0620


 250.6340, 9.5380,
-7.6620

 12.2590, 24.4360,
8.6920


 79.7840, 35.8990,
4.6910

 0.0000, 0.0000,
0.0000

 104.4530, 38.3290,
4.7050

 129.9370, 39.8420,
4.8180

 156.7200, 41.9510,
5.1430

 183.3180, 43.1430,
5.5670

 210.7910, 43.1890,

4.7330

■ 230.4190, 26.5010,
-1.2030

■ 33.0500, 32.0940,
2.0620

■ 33.0500, 32.0940,
2.0620

■ 32.3490, 32.6900,
2.2740

■ 36.1960, 28.7470,
2.1470

■ 39.8150, 25.4460,
1.3980

■ 42.9610, 22.0990,
1.4830

■ 45.9930, 19.0730,
1.2570

■ 49.1390, 15.7260,
1.3420

■ 52.7580, 12.4250,
0.5930

■ 55.9040, 9.0780,
0.6780

■ 58.9360, 6.0520,
0.4520

■ 62.0820, 2.7050,
0.5370

Harmonies

Analogous

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



32.8840, 30.1660, 14.9820



33.0500, 32.0940, 2.0620



34.3320, 22.1920, -5.7120

Triad

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



33.0500, 32.0940, 2.0620



28.9060, -20.7670, -14.6150



33.1780, -23.5680, 8.6240

Complementary

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



33.0500, 32.0940, 2.0620



32.9500, -32.0940, -2.0620

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.



31.9160, -34.7540, 2.0940



33.0500, 32.0940, 2.0620



31.7730, -27.4620, -8.9180

Square

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



33.0500, 32.0940, 2.0620



27.9860, -6.5530, -18.9130



33.2380, -32.9650, -2.7970



37.1060, 3.2980, 17.3300

Rectangle

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



33.0500, 32.0940, 2.0620



33.3910, 14.5360, -10.1360



33.2380, -32.9650, -2.7970



29.6820, -33.9750, 4.4970

Sweetspot

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



33.0500, 32.0940, 2.0620



71.7580, 12.4250, 0.5930



25.0380, 24.3410, 26.9410



35.4200, 7.5650, 0.5650



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



33.0500, 32.0940, 2.0620



42.1390, 42.0890, 2.6410



51.2470, 23.5690, -14.1510



31.4840, 1.5130, 0.1130



48.3740, 48.7370, 3.3050



112.1750, 112.3290, 7.2170

Inverse Universe

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



32.9500, -32.0940, -2.0620



41.8610, -42.0890, -2.6410



14.7530, -23.5690, 14.1510



31.5160, -1.5130, -0.1130



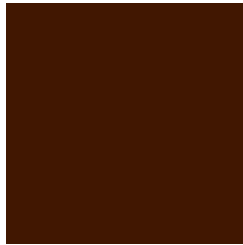
48.6260, -48.7370, -3.3050



111.8250, -112.3290, -7.2170

Previews

White Background



This preview shows how the YIQ color 33.0500, 32.0940, 2.0620 looks on a white background.

Color Contrast Check

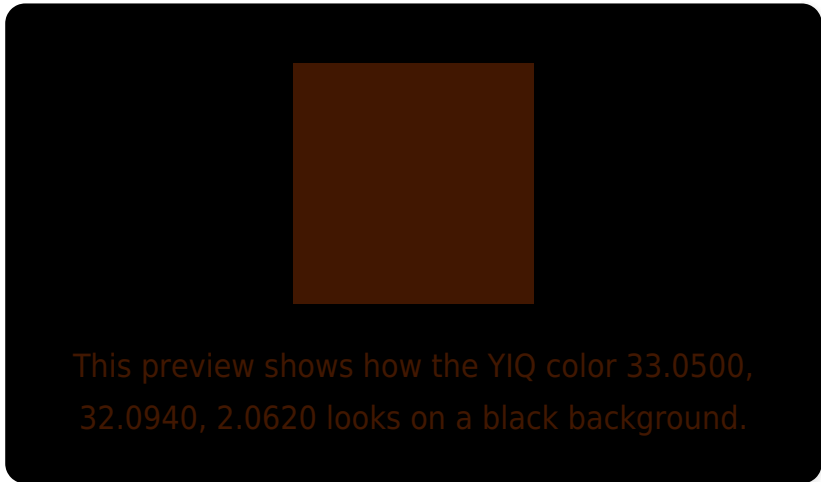
Large Text (above 18pt) WCAG AA ✓ Pass

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

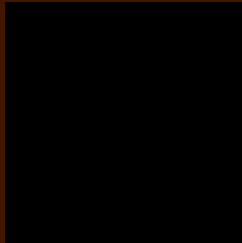
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 33.0500, 32.0940, 2.0620

Background



This preview shows how black text looks on a background with the YIQ color 33.0500, 32.0940, 2.0620.

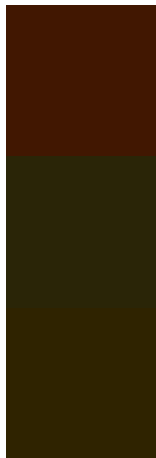


This preview shows how white text looks on a background with the YIQ color 33.0500, 32.0940,

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

33.0500, 32.0940, 2.0620

Protanopia

35.0750, 12.6100, -8.2700

Deuteranopia

34.5980, 18.3870, -8.3410



Tritanopia

34.3840, 25.5820, 9.9500

Trichromacy



Original Color

33.0500, 32.0940, 2.0620

Protanomaly

34.3040, 19.3950, -4.5810

Deuteranomaly

34.3430, 23.6590, -4.7650

Tritanomaly

34.0590, 27.8750, 6.9390

Monochromacy



Original Color

33.0500, 32.0940, 2.0620

Achromatopsia

33.0000, -0.0000, -0.0000

Achromatomaly

32.8720, 12.1040, 0.9040

CSS Examples

Text

The CSS property to change the color of the text to YIQ 33.0500, 32.0940, 2.0620 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(65, 23, 1)` looks like.

```
.text, #text, p{  
    color:rgb(65, 23, 1)  
}
```

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(65, 23, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(65, 23, 1) }
```

Border

The CSS property to change the border of an element to YIQ 33.0500, 32.0940, 2.0620 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(65, 23, 1) }
```


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

```
.border{ border-color:rgb(65, 23, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(65, 23, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(65, 23, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(65, 23, 1); box-shadow:4px  
4px 4px 4px rgb(65, 23, 1) }
```

Background

The CSS property to change the background color of an element to YIQ 33.0500, 32.0940, 2.0620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(65, 23, 1) }
```

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

```
.background{ background-color: rgb(65, 23,  
1) }
```

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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