

Converting Colors

YIQ(44.2890, 32.9190, 3.6310)

Have a look what the booklet for
YIQ(44.2890, 32.9190, 3.6310)
contains.

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Color

**YIQ(44.2890, 32.9190,
3.6310)**

Conversions

Conversions Part 1

Format	Color
Hex	4E210E
RGB	78, 33, 14
RGB Percent	31%, 13%, 5%
CMY	0.6940, 0.8707, 0.9450
CMYK	0.00, 0.58, 0.82, 0.69
HSL	18°, 70%, 18%
HSV	18°, 82%, 31%
XYZ	3.7667, 2.7392, 0.7470
YIQ	44.2890, 32.9190, 3.6310

Conversions

Conversions Part 2

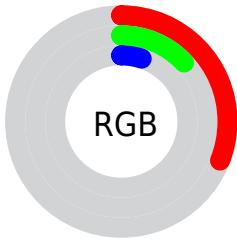
Format	Color
RYB	78, 41, 14
Decimal	5120270
CIELab	18.97, 19.75, 22.02
CIELCh	19, 29.576, 48.114
Yxy	2.7392, 0.5193, 0.3777
Android (android.graphics.Color)	4283310350 (0xFF4E210E)
YUV	44.2890, -14.9325, 29.5645
Hunter-Lab	16.5505, 11.6613, 8.9094

Details

The YIQ color **44.2890, 32.9190, 3.6310** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **47.7110, -32.9190, -3.6310**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **92.0400, 38.0540, 4.1820**, and **8.7850, 16.9630, 6.4590** is the 20% darker color. If you saturate the color by 10%, you get **39.8550, 37.1370, 4.2810**, and if you desaturate by 10%, it is **48.1360, 28.9760, 3.5040**.

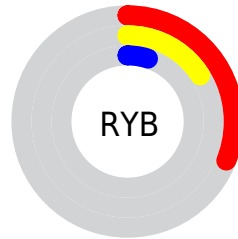
Distribution



Red (31%)

Green (13%)

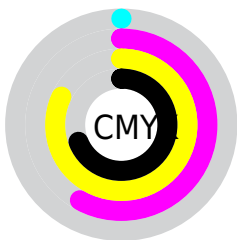
Blue (5%)



Red (31%)

Yellow (16%)

Blue (5%)

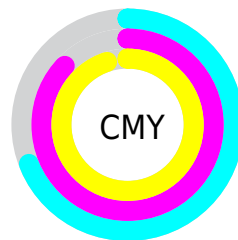


Cyan (0%)

Magenta (58%)

Yellow (82%)

Black (69%)



Cyan (69%)

Magenta (87%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 44.2890, 32.9190, 3.6310 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 44.2890, 32.9190, 3.6310 by changing the saturation by 10% instead.

■ 44.2890, 32.9190,
3.6310

■ 44.2890, 32.9190,
3.6310

■ 253.1760, 5.1360,
-4.9760

■ 22.3040, 28.5630,
5.4830

■ 91.4530, 38.3290,
4.7050

■ 8.7850, 16.9630,
6.4590

■ 117.1220, 40.7590,
4.7190

■ 0.0000, 0.0000,
0.0000

■ 142.9050, 42.8680,
5.0440

■ 169.5030, 44.0600,
5.4680

■ 197.2860, 46.1690,
5.7930

■ 219.7900, 35.7620,

1.6660

■ 239.3040, 19.3950,
-4.5810

■ 44.2890, 32.9190,
3.6310

■ 44.2890, 32.9190,
3.6310

■ 39.8550, 37.1370,
4.2810

■ 48.1360, 28.9760,
3.5040

■ 36.8230, 40.1630,
4.5070

■ 52.5700, 24.7580,
2.8540

■ 56.3030, 21.1360,
2.4160

■ 60.7370, 16.9180,
1.7660

■ 64.5840, 12.9750,
1.6390

■ 69.0180, 8.7570,
0.9890

■ 72.8650, 4.8140,
0.8620

■ 77.1850, 0.9170,
-0.0990

■ 81.0320, -3.0260,
-0.2260

Harmonies

Analogous

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



43.9660, 32.8710, 15.5190



44.2890, 32.9190, 3.6310



43.7900, 26.5940, -8.3980

Triad

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



44.2890, 32.9190, 3.6310



37.0900, -27.2770, -17.7810



44.1180, -23.3390, 9.9810

Complementary

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



44.2890, 32.9190, 3.6310



47.7110, -32.9190, -3.6310

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.



39.9690, -42.2730, 0.6950



44.2890, 32.9190, 3.6310



39.5980, -34.3390, -10.9390

Square

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



44.2890, 32.9190, 3.6310



38.2030, -8.6620, -19.2380



41.1770, -40.1630, -4.5070



47.3450, 4.1230, 18.8990

Rectangle

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



44.2890, 32.9190, 3.6310



43.1370, 18.0670, -13.5570



41.1770, -40.1630, -4.5070



38.3330, -40.3020, 3.5220

Sweetspot

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



44.2890, 32.9190, 3.6310



88.5840, 12.9750, 1.6390



38.3800, 23.3780, 27.8740



42.8330, 7.8400, 1.0880



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



44.2890, 32.9190, 3.6310



49.5100, 51.3500, 5.5100



62.4860, 24.3940, -12.5820



36.3700, 1.8340, -0.1980



48.1080, 52.5420, 5.9340



108.6860, 118.3800, 13.1960

Inverse Universe

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



47.7110, -32.9190, -3.6310



54.4900, -51.3500, -5.5100



29.5140, -24.3940, 12.5820



36.2170, -2.1090, -0.3250



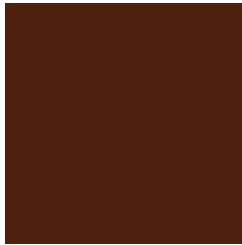
53.8920, -52.5420, -5.9340



121.3140, -118.3800, -13.1960

Previews

White Background



This preview shows how the YIQ color 44.2890, 32.9190, 3.6310 looks on a white background.

Color Contrast Check

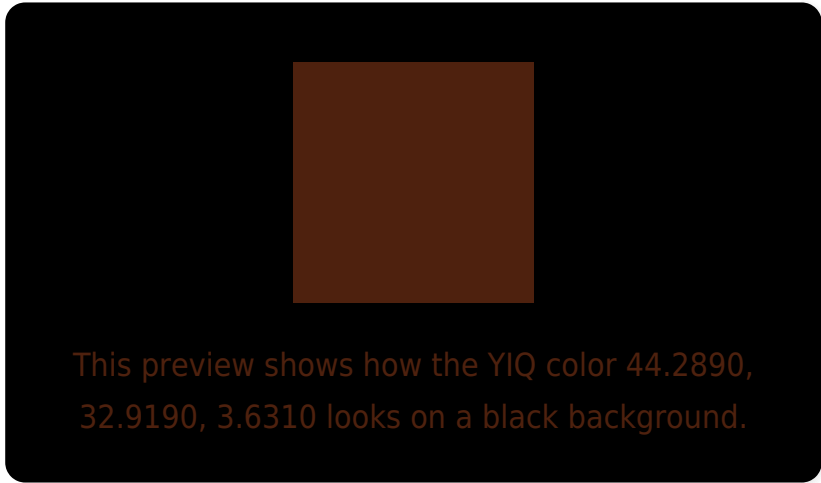
Large Text (above 18pt) WCAG AA ✓ Pass

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

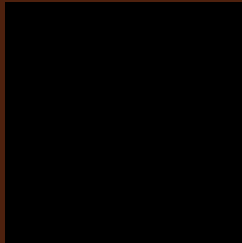
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 44.2890, 32.9190, 3.6310

Background



This preview shows how black text looks on a background with the YIQ color 44.2890, 32.9190, 3.6310.

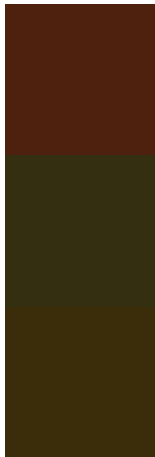


This preview shows how white text looks on a background with the YIQ color 44.2890, 32.9190,

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

44.2890, 32.9190, 3.6310

Protanopia

45.4880, 12.8850, -7.7470

Deuteranopia

45.1960, 19.5790, -7.9170



Tritanopia

45.5800, 27.9660, 10.7980

Trichromacy



Original Color

44.2890, 32.9190, 3.6310

Protanomaly

45.1300, 19.9450, -3.5350

Deuteranomaly

45.0550, 24.5300, -4.0300

Tritanomaly

45.3690, 29.9380, 8.0980

Monochromacy



Original Color

44.2890, 32.9190, 3.6310

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

43.9860, 11.7830, 1.2150

CSS Examples

Text

The CSS property to change the color of the text to YIQ 44.2890, 32.9190, 3.6310 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(78, 33, 14)` looks like.

```
.text, #text, p{  
    color:rgb(78, 33, 14)  
}
```

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(78, 33, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 33, 14) }
```

Border

The CSS property to change the border of an element to YIQ 44.2890, 32.9190, 3.6310 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(78, 33, 14) }
```


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

```
.border{ border-color:rgb(78, 33, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 33, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 33, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 33, 14);  
box-shadow:4px 4px 4px 4px rgb(78, 33, 14)  
}
```

Background

The CSS property to change the background color of an element to YIQ 44.2890, 32.9190, 3.6310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 33, 14) }
```

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

```
.background{ background-color: rgb(78, 33,  
14) }
```

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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