

Converting Colors

YIQ(32.2940, 43.6910, 17.6670)

Have a look what the booklet for
YIQ(32.2940, 43.6910, 17.6670)
contains.

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Color

**YIQ(32.2940, 43.6910,
17.6670)**

Conversions

Conversions Part 1

Format	Color
Hex	55090E
RGB	85, 9, 14
RGB Percent	33%, 4%, 5%
CMY	0.6665, 0.9648, 0.9449
CMYK	0.00, 0.89, 0.83, 0.67
HSL	356°, 81%, 18%
HSV	356°, 89%, 33%
XYZ	3.9275, 2.1600, 0.6269
YIQ	32.2940, 43.6910, 17.6670

Conversions

Conversions Part 2

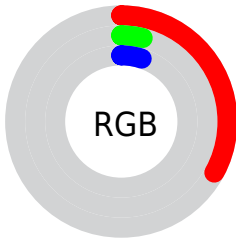
Format	Color
R_{YB}	85, 9, 14
Decimal	5572878
CIE _{Lab}	16.31, 33.61, 19.15
CIE _{LCh}	16, 38.683, 29.666
Yxy	2.1600, 0.5849, 0.3217
Android (android.graphics.Color)	4283762958 (0xFF55090E)
YUV	32.2940, -9.0189, 46.2232
Hunter-Lab	14.6969, 21.9811, 7.7587

Details

The YIQ color **32.2940, 43.6910, 17.6670** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **61.7060, -43.6910, -17.6670**, and the grayscale version is **32.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **83.4640, 48.9640, 15.7160**, and **9.3830, 18.1550, 6.8830** is the 20% darker color. If you saturate the color by 10%, you get **26.0990, 48.7340, 19.8860**, and if you desaturate by 10%, it is **37.9020, 38.9230, 15.9710**.

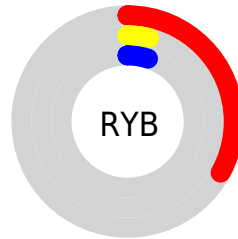
Distribution



Red (33%)

Green (4%)

Blue (5%)



Red (33%)

Yellow (4%)

Blue (5%)

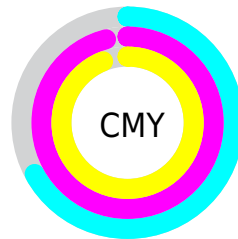


Cyan (0%)

Magenta (89%)

Yellow (83%)

Black (67%)



Cyan (67%)


Magenta (96%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 32.2940, 43.6910, 17.6670 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 32.2940, 43.6910, 17.6670 by changing the saturation by 10% instead.


 32.2940, 43.6910,
17.6670


 32.2940, 43.6910,
17.6670

 248.8390, 7.7030,
-1.9370


 17.6410, 35.1640,
12.5080


 83.5780, 48.6430,
16.0270


 9.3830, 18.1550,
6.8830

 109.4320, 51.9900,
15.9420

 0.0000, 0.0000,
0.0000


 136.2150, 54.0990,
16.2670


 162.9980, 56.2080,
16.5920


 190.1830, 57.1250,
16.4930


 208.9960, 41.3540,


10.4580


 228.6240, 24.6660,
4.5220


 32.2940, 43.6910,
17.6670


 32.2940, 43.6910,
17.6670


 26.0990, 48.7340,
19.8860

 37.9020, 38.9230,
15.9710

 44.0970, 33.8800,
13.7520

 49.7050, 29.1120,
12.0560

 55.9000, 24.0690,
9.8370

 61.5080, 19.3010,
8.1410

■ 67.7030, 14.2580,
5.9220

■ 73.8980, 9.2150,
3.7030

■ 79.5060, 4.4470,
2.0070

■ 85.5870, -0.2750,
-0.5230

Harmonies

Analogous

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



30.5020, 37.7740, 31.2940



32.2940, 43.6910, 17.6670



37.3770, 35.4870, 1.1430

Triad

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



32.2940, 43.6910, 17.6670



30.2620, -16.3180, -23.6620



36.7720, -42.9160, 6.8440

Complementary

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



32.2940, 43.6910, 17.6670



61.7060, -43.6910, -17.6670

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.



39.3820, -41.9980, 1.2180



32.2940, 43.6910, 17.6670



34.9700, -26.8190, -15.0670

Square

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



32.2940, 43.6910, 17.6670



34.4770, 2.2500, -18.7580



38.1620, -35.8070, -6.3590



39.6830, -17.3800, 17.6280

Rectangle

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



32.2940, 43.6910, 17.6670



38.7730, 25.2640, -6.3200



38.1620, -35.8070, -6.3590



38.4190, -43.4200, 4.9640

Sweetspot

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



32.2940, 43.6910, 17.6670



89.1980, 17.2380, 6.9820



38.8930, 17.9200, 38.6880



43.4960, 10.4070, 4.1270



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



32.2940, 43.6910, 17.6670



33.6880, 63.3130, 25.4970



51.0950, 36.2210, -1.1470



40.1960, 2.3840, 0.8480



32.7910, 61.5250, 24.8610



72.0890, 134.9240, 54.7960

Inverse Universe

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



32.2940, 43.6910, 17.6670



33.6880, 63.3130, 25.4970



42.9050, -36.2210, 1.1470



40.1960, 2.3840, 0.8480



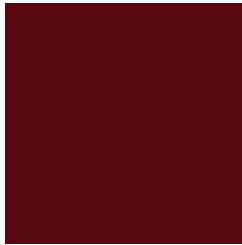
32.7910, 61.5250, 24.8610



72.0890, 134.9240, 54.7960

Previews

White Background



This preview shows how the YIQ color 32.2940, 43.6910, 17.6670 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 32.2940, 43.6910, 17.6670

Background



This preview shows how black text looks on a background with the YIQ color 32.2940, 43.6910, 17.6670.

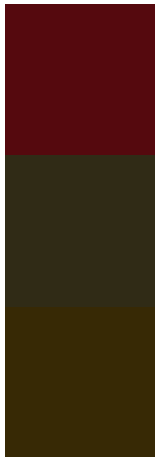


This preview shows how white text looks on a background with the YIQ color 32.2940, 43.6910,

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

32.2940, 43.6910, 17.6670

Protanopia

42.1010, 9.7210, -5.4710

Deuteranopia

41.0820, 19.9000, -8.2280



Tritanopia

32.1970, 45.3420, 15.2780

Trichromacy



Original Color

32.2940, 43.6910, 17.6670

Protanomaly

38.6020, 21.7320, 2.6280

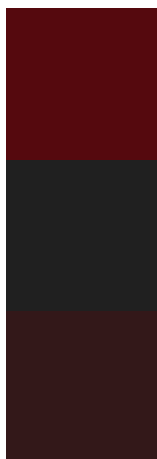
Deuteranomaly

37.6690, 28.7930, 1.3130

Tritanomaly

32.4250, 44.7000, 15.9000

Monochromacy



Original Color

32.2940, 43.6910, 17.6670

Achromatopsia

32.0000, -0.0000, -0.0000

Achromatomaly

32.1870, 15.7710, 6.0350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 32.2940, 43.6910, 17.6670 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(85, 9, 14)` looks like.

```
.text, #text, p{  
    color:rgb(85, 9, 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(85, 9, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 9, 14) }
```

Border

The CSS property to change the border of an element to YIQ 32.2940, 43.6910, 17.6670 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(85, 9, 14) }
```


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

```
.border{ border-color:rgb(85, 9, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 9, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 9, 14); -webkit-box-shadow:4px  
4px 4px 4px rgb(85, 9, 14); box-shadow:4px  
4px 4px 4px rgb(85, 9, 14) }
```

Background

The CSS property to change the background color of an element to YIQ 32.2940, 43.6910, 17.6670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 9, 14) }
```

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

```
.background{ background-color: rgb(85, 9,  
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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