

Converting Colors

YIQ(43.3600, 43.3250, 13.2850)

Have a look what the booklet for
YIQ(43.3600, 43.3250, 13.2850)
contains.

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Color

**YIQ(43.3600, 43.3250,
13.2850)**

Conversions

Conversions Part 1

Format	Color
Hex	5D1712
RGB	93, 23, 18
RGB Percent	36%, 9%, 7%
CMY	0.6351, 0.9099, 0.9292
CMYK	0.00, 0.75, 0.81, 0.64
HSL	4°, 68%, 22%
HSV	4°, 81%, 36%
XYZ	4.9338, 2.9848, 0.8903
YIQ	43.3600, 43.3250, 13.2850

Conversions

Conversions Part 2

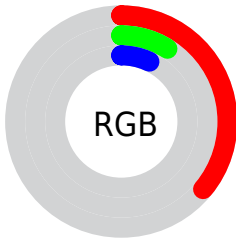
Format	Color
RYB	93, 23, 18
Decimal	6100754
CIELab	19.98, 31.42, 21.72
CIElCh	20, 38.195, 34.656
Yxy	2.9848, 0.5601, 0.3388
Android (android.graphics.Color)	4284290834 (0xFF5D1712)
YUV	43.3600, -12.5025, 43.5343
Hunter-Lab	17.2765, 20.7417, 9.0383

Details

The YIQ color **43.3600, 43.3250, 13.2850** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **67.6400, -43.3250, -13.2850**, and the grayscale version is **43.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **93.0680, 50.0190, 13.1150**, and **13.2700, 25.9030, 9.6390** is the 20% darker color. If you saturate the color by 10%, you get **37.0510, 48.6890, 15.1930**, and if you desaturate by 10%, it is **49.6690, 37.9610, 11.3770**.

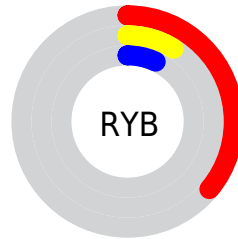
Distribution



Red (36%)

Green (9%)

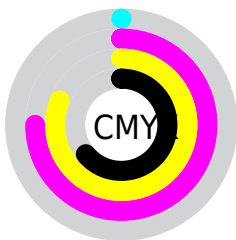
Blue (7%)



Red (36%)

Yellow (9%)

Blue (7%)

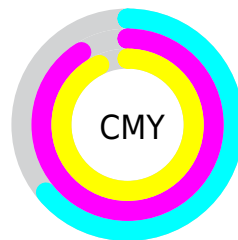


Cyan (0%)

Magenta (75%)

Yellow (81%)

Black (64%)



Cyan (64%)


Magenta (91%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the YIQ color 43.3600, 43.3250, 13.2850 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 43.3600, 43.3250, 13.2850 by changing the saturation by 10% instead.


 43.3600, 43.3250,
13.2850


 43.3600, 43.3250,
13.2850


 253.6320, 3.8520,
-3.7320


 20.0330, 39.9320,
14.2040


 93.0680, 50.0190,
13.1150


 13.2700, 25.9030,
9.6390

 118.8510, 52.1280,
13.4400

 0.0000, 0.0000,
0.0000

 145.5200, 54.5580,
13.4540

 172.6020, 57.2630,
13.9910

 197.2100, 52.4950,
12.2950

 216.7240, 36.1280,

6.0480

■ 236.2380, 19.7610,
-0.1990

■ 43.3600, 43.3250,
13.2850

■ 43.3600, 43.3250,
13.2850

■ 37.0510, 48.6890,
15.1930

■ 49.6690, 37.9610,
11.3770

■ 31.3290, 53.7780,
16.5780

■ 55.5050, 32.5510,
10.3030

■ 61.8140, 27.1870,
8.3950

■ 68.1230, 21.8230,
6.4870

■ 73.9590, 16.4130,
5.4130

■ 80.2680, 11.0490,
3.5050

■ 86.5770, 5.6850,
1.5970

■ 92.8860, 0.3210,
-0.3110

■ 98.7220, -5.0890,
-1.3850

Harmonies

Analogous

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



41.4650, 39.1960, 27.5480



43.3600, 43.3250, 13.2850



45.3400, 36.9090, -2.6030

Triad

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



43.3600, 43.3250, 13.2850



37.2550, -23.6080, -23.7040



41.3200, -47.4550, 6.5050

Complementary

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



43.3600, 43.3250, 13.2850



67.6400, -43.3250, -13.2850

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.



44.7450, -47.4540, 0.9780



43.3600, 43.3250, 13.2850



41.1480, -33.1920, -15.2080

Square

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



43.3600, 43.3250, 13.2850



40.6570, 1.5630, -22.8290



44.3400, -42.1800, -6.5000



49.2710, -10.2280, 20.1720

Rectangle

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



43.3600, 43.3250, 13.2850



45.8500, 26.3650, -9.7550



44.3400, -42.1800, -6.5000



42.9670, -47.9590, 4.6250

Sweetspot

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



43.3600, 43.3250, 13.2850



100.8450, 16.7340, 5.1020



48.5190, 21.9090, 37.9810



49.5560, 10.1780, 2.7700



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



43.3600, 43.3250, 13.2850



42.7930, 67.2110, 20.9310



64.4920, 33.4250, -5.5430



43.0820, 2.7050, 0.5370



36.9990, 63.6350, 19.6590



80.2550, 136.8520, 41.8760

Inverse Universe

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



67.6400, -43.3250, -13.2850



80.6200, -66.9360, -20.4080



46.5080, -33.4250, 5.5430



44.5050, -2.9800, -1.0600



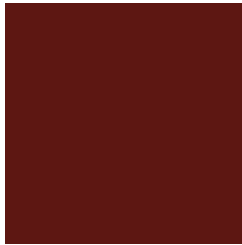
72.4140, -63.3600, -19.1360



157.3320, -137.1270, -42.3990

Previews

White Background



This preview shows how the YIQ color 43.3600, 43.3250, 13.2850 looks on a white background.

Color Contrast Check

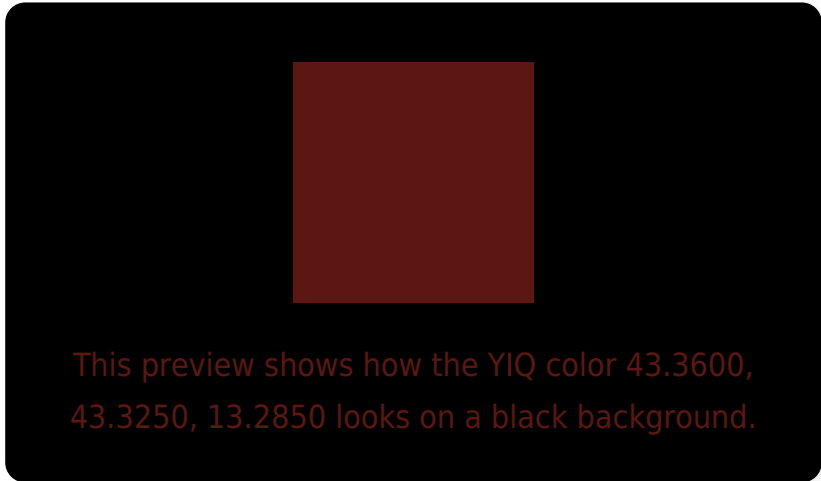
Large Text (above 18pt) WCAG AA ✓ Pass

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

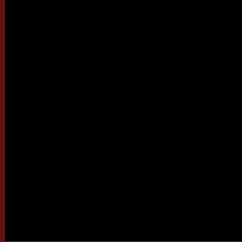
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.3600, 43.3250, 13.2850

Background



This preview shows how black text looks on a background with the YIQ color 43.3600, 43.3250, 13.2850.

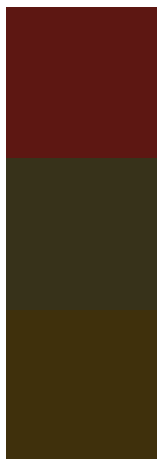


This preview shows how white text looks on a background with the YIQ color 43.3600, 43.3250,

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

43.3600, 43.3250, 13.2850

Protanopia

48.7590, 10.6840, -6.4040

Deuteranopia

48.3810, 20.4960, -8.0160



Tritanopia

43.3430, 41.9950, 15.3630

Trichromacy



Original Color

43.3600, 43.3250, 13.2850

Protanomaly

46.7330, 22.7410, 0.8610

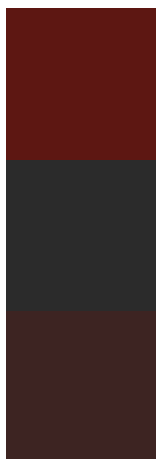
Deuteranomaly

46.6150, 28.8850, -0.3550

Tritanomaly

43.1150, 42.6370, 14.7410

Monochromacy



Original Color

43.3600, 43.3250, 13.2850

Achromatopsia

43.0000, -0.0000, -0.0000

Achromatomaly

43.2470, 15.5420, 4.6780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.3600, 43.3250, 13.2850 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(93, 23, 18)` looks like.

```
.text, #text, p{  
    color:rgb(93, 23, 18)  
}
```

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(93, 23, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 23, 18) }
```

Border

The CSS property to change the border of an element to YIQ 43.3600, 43.3250, 13.2850 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(93, 23, 18) }
```


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

```
.border{ border-color:rgb(93, 23, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 23, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 23, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 23, 18);  
box-shadow:4px 4px 4px 4px rgb(93, 23, 18)  
}
```

Background

The CSS property to change the background color of an element to YIQ 43.3600, 43.3250, 13.2850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 23, 18) }
```

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

```
.background{ background-color: rgb(93, 23,  
18) }
```

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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