

Converting Colors

YIQ(43.5820, 7.2890, 5.5690)

Have a look what the booklet for
YIQ(43.5820, 7.2890, 5.5690)
contains.

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Color

YIQ(43.5820, 7.2890, 5.5690)

Conversions

Conversions Part 1

Format	Color
Hex	36262D
RGB	54, 38, 45
RGB Percent	21%, 15%, 18%
CMY	0.7882, 0.8510, 0.8235
CMYK	0.00, 0.30, 0.17, 0.79
HSL	334°, 17%, 18%
HSV	334°, 30%, 21%
XYZ	2.6886, 2.3599, 2.7970
YIQ	43.5820, 7.2890, 5.5690

Conversions

Conversions Part 2

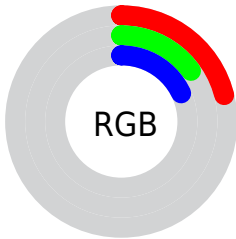
Format	Color
R_{YB}	54, 38, 45
Decimal	3548717
CIE Lab	17.27, 8.93, -1.65
CIE LCh	17, 9.080, 349.558
Yxy	2.3599, 0.3427, 0.3008
Android (android.graphics.Color)	4281738797 (0xFF36262D)
YUV	43.5820, 0.6991, 9.1366
Hunter-Lab	15.3619, 4.3570, -0.0420

Details

The YIQ color **43.5820, 7.2890, 5.5690** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **48.4180, -7.2890, -5.5690**, and the grayscale version is **44.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **89.2940, 8.1600, 6.3040**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **40.3050, 9.6270, 7.2510**, and if you desaturate by 10%, it is **46.8590, 4.9510, 3.8870**.

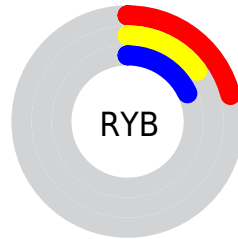
Distribution



Red (21%)

Green (15%)

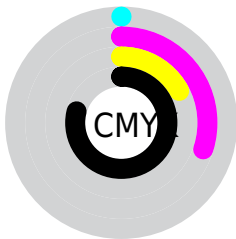
Blue (18%)



Red (21%)

Yellow (15%)

Blue (18%)

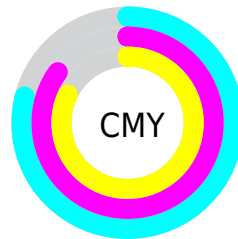


Cyan (0%)

Magenta (30%)

Yellow (17%)

Black (79%)



Cyan (79%)

Magenta (85%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 43.5820, 7.2890, 5.5690 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 43.5820, 7.2890, 5.5690 by changing the saturation by 10% instead.

■ 43.5820, 7.2890,
5.5690

■ 43.5820, 7.2890,
5.5690

■ 255.0000, -0.0000,
-0.0000

■ 22.8700, 6.4180,
4.8340

■ 89.2940, 8.1600,
6.3040

■ 0.0000, 0.0000,
0.0000

■ 113.5930, 8.7560,
6.5160

■ 139.0060, 9.0310,
7.0390

■ 165.8920, 9.3520,
6.7280

■ 192.3050, 9.6270,
7.2510

■ 220.6040, 10.2230,

7.4630

246.9130, 4.8590,
5.5550

43.5820, 7.2890,
5.5690

43.5820, 7.2890,
5.5690

40.3050, 9.6270,
7.2510

46.8590, 4.9510,
3.8870

36.4410, 12.2400,
9.4560

50.7230, 2.3380,
1.6820

33.1640, 14.5780,
11.1380

54.0000, -0.0000,
0.0000

29.3000, 17.1910,
13.3430

57.8640, -2.6130,
-2.2050

26.0230, 19.5290,
15.0250

61.1410, -4.9510,
-3.8870

■ 22.7460, 21.8670,
16.7070

■ 64.4180, -7.2890,
-5.5690

■ 18.8820, 24.4800,
18.9120

■ 68.2820, -9.9020,
-7.7740

■ 71.5590, -12.2400,
-9.4560

■ 75.4230, -14.8530,
-11.6610

Harmonies

Analogous

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



43.3580, 2.1080, 5.8520



43.5820, 7.2890, 5.5690



43.3820, 10.7280, 3.8160

Triad

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



43.5820, 7.2890, 5.5690



41.5180, 4.1730, -4.0430



39.8180, -14.1670, -2.0630

Complementary

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



43.5820, 7.2890, 5.5690



48.4180, -7.2890, -5.5690

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.



39.5360, -13.4330, -4.3530



43.5820, 7.2890, 5.5690



40.7560, -2.4290, -5.5410

Square

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



43.5820, 7.2890, 5.5690



42.1380, 8.2990, -1.7250



39.9340, -8.8020, -5.6820



41.6660, -10.6830, 0.8770

Rectangle

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



43.5820, 7.2890, 5.5690



43.2140, 11.1410, 1.8370



39.9340, -8.8020, -5.6820



39.8780, -14.3960, -3.4200

Sweetspot

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



43.5820, 7.2890, 5.5690



67.1360, 2.6130, 2.2050



42.5150, 0.2280, 6.8840



33.3100, 2.0630, 1.1590



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



43.5820, 7.2890, 5.5690



54.7290, 11.3690, 8.7210



43.3710, 9.2610, 2.8690



26.0110, 1.4670, 0.9470



32.0680, 41.9920, 31.9440



76.4250, 99.7080, 76.2840

Inverse Universe

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



43.5820, 7.2890, 5.5690



54.7290, 11.3690, 8.7210



48.6290, -9.2610, -2.8690



26.0110, 1.4670, 0.9470



32.0680, 41.9920, 31.9440



76.4250, 99.7080, 76.2840

Previews

White Background



This preview shows how the YIQ color 43.5820, 7.2890, 5.5690 looks on a white background.

Color Contrast Check

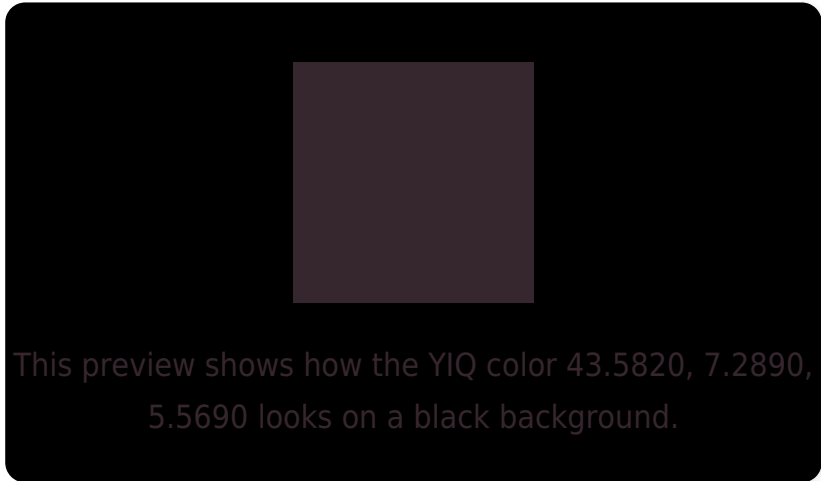
Large Text (above 18pt) WCAG AA ✓ Pass

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

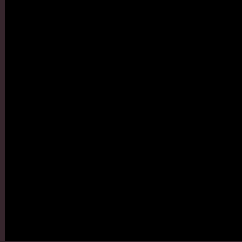
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 43.5820, 7.2890, 5.5690

Background



This preview shows how black text looks on a background with the YIQ color 43.5820, 7.2890, 5.5690.

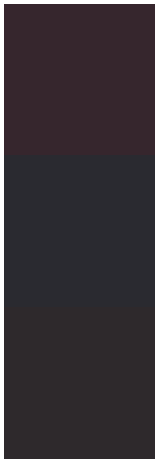


This preview shows how white text looks on a background with the YIQ color 43.5820, 7.2890, 5.5690.

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

43.5820, 7.2890, 5.5690

Protanopia

42.6840, -1.9260, 1.8660

Deuteranopia

42.8370, 2.0170, 1.9930



Tritanopia

43.8270, 7.9770, 4.1130

Trichromacy



Original Color

43.5820, 7.2890, 5.5690

Protanomaly

43.1790, 1.0540, 2.9260

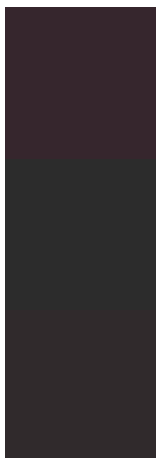
Deuteranomaly

43.1470, 4.0800, 3.1520

Tritanomaly

43.9410, 7.6560, 4.4240

Monochromacy



Original Color

43.5820, 7.2890, 5.5690

Achromatopsia

44.0000, -0.0000, -0.0000

Achromatomaly

44.0220, 2.9340, 1.8940

CSS Examples

Text

The CSS property to change the color of the text to YIQ 43.5820, 7.2890, 5.5690 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(54, 38, 45)` looks like.

```
.text, #text, p{  
    color:rgb(54, 38, 45)  
}
```

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(54, 38, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 38, 45) }
```

Border

The CSS property to change the border of an element to YIQ 43.5820, 7.2890, 5.5690 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(54, 38, 45) }
```

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

```
.border{ border-color:rgb(54, 38, 45) }
```

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

Here you see how a box with a 4 pixel rgb(54, 38, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 38, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 38, 45);  
box-shadow:4px 4px 4px 4px rgb(54, 38, 45)  
}
```


Background

The CSS property to change the background color of an element to YIQ 43.5820, 7.2890, 5.5690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 38, 45) }
```

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

```
.background{ background-color: rgb(54, 38,  
45) }
```

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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