

Converting Colors

YIQ(33.9950, 7.5640, 6.0920)

Have a look what the booklet for
YIQ(33.9950, 7.5640, 6.0920)
contains.

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Color

YIQ(33.9950, 7.5640, 6.0920)

Conversions

Conversions Part 1

Format	Color
Hex	2D1C24
RGB	45, 28, 36
RGB Percent	18%, 11%, 14%
CMY	0.8235, 0.8902, 0.8588
CMYK	0.00, 0.38, 0.20, 0.82
HSL	332°, 23%, 14%
HSV	332°, 38%, 18%
XYZ	1.8163, 1.5157, 1.8664
YIQ	33.9950, 7.5640, 6.0920

Conversions

Conversions Part 2

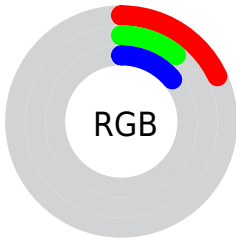
Format	Color
RYB	45, 28, 36
Decimal	2956324
CIELab	12.71, 9.94, -2.07
CIElCh	13, 10.150, 348.223
Yxy	1.5157, 0.3494, 0.2916
Android (android.graphics.Color)	4281146404 (0xFF2D1C24)
YUV	33.9950, 0.9885, 9.6514
Hunter-Lab	12.3115, 4.7889, -0.3701

Details

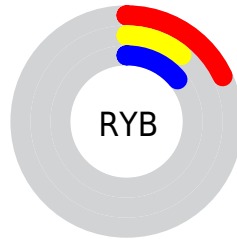
The YIQ color **33.9950, 7.5640, 6.0920** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **39.0050, -7.5640, -6.0920**, and the grayscale version is **34.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **78.5930, 8.7560, 6.5160**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.8320, 9.5810, 8.0850**, and if you desaturate by 10%, it is **36.5710, 5.8220, 4.6220**.

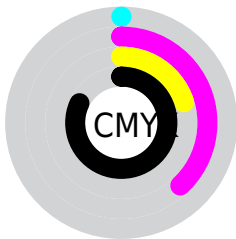
Distribution



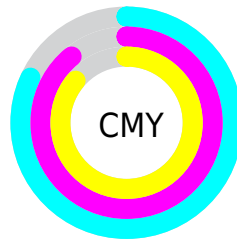
- Red (18%)
- Green (11%)
- Blue (14%)



- Red (18%)
- Yellow (11%)
- Blue (14%)



- Cyan (0%)
- Magenta (38%)
- Yellow (20%)
- Black (82%)



- Cyan (82%)
- Magenta (89%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 33.9950, 7.5640, 6.0920 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 33.9950, 7.5640, 6.0920 by changing the saturation by 10% instead.

■ 33.9950, 7.5640,
6.0920

■ 33.9950, 7.5640,
6.0920

■ 255.0000, -0.0000,
-0.0000

■ 10.6580, 10.1310,
9.1310

■ 78.5930, 8.7560,
6.5160

■ 0.0000, 0.0000,
0.0000

■ 102.3050, 9.6270,
7.2510

■ 127.4190, 9.3060,
7.5620

■ 153.7180, 9.9020,
7.7740

■ 180.0170, 10.4980,
7.9860

■ 208.0170, 10.4980,

7.9860

236.3160, 11.0940,
8.1980

33.9950, 7.5640,
6.0920

33.9950, 7.5640,
6.0920

30.8320, 9.5810,
8.0850

36.5710, 5.8220,
4.6220

28.1420, 11.6440,
9.2440

39.8480, 3.4840,
2.9400

24.9790, 13.6610,
11.2370

42.4240, 1.7420,
1.4700

22.2890, 15.7240,
12.3960

45.7010, -0.5960,
-0.2120

19.1260, 17.7410,
14.3890

48.8640, -2.6130,
-2.2050

■ 16.5500, 19.4830,
15.8590

■ 51.4400, -4.3550,
-3.6750

■ 15.8490, 20.0790,
16.0710

■ 54.7170, -6.6930,
-5.3570

■ 57.2930, -8.4350,
-6.8270

■ 60.4560, -10.4520,
-8.8200

Harmonies

Analogous

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



34.0590, 1.5120, 5.6400



33.9950, 7.5640, 6.0920



33.7950, 11.0030, 4.3390

Triad

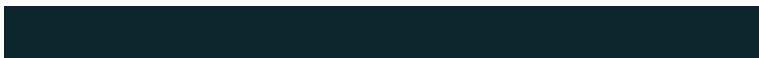
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



33.9950, 7.5640, 6.0920



32.2900, 4.8150, -4.6650



29.6220, -16.5510, -2.9110

Complementary

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



33.9950, 7.5640, 6.0920



39.0050, -7.5640, -6.0920

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.



29.2260, -15.4960, -5.5120



33.9950, 7.5640, 6.0920



31.5280, -1.7870, -6.1630

Square

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



33.9950, 7.5640, 6.0920



32.9100, 8.9410, -2.3470



30.2220, -9.6730, -6.4170



31.2960, -12.5170, 1.0750

Rectangle

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



33.9950, 7.5640, 6.0920



33.6270, 11.4160, 2.3600



30.2220, -9.6730, -6.4170



28.7960, -17.1010, -3.9570

Sweetspot

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



33.9950, 7.5640, 6.0920



54.4350, 3.2090, 2.4170



32.6290, -0.0930, 7.1950



28.3100, 2.0630, 1.1590



158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



33.9950, 7.5640, 6.0920



41.5550, 11.9190, 9.7670



33.0830, 10.1320, 3.6040



21.7120, 0.8710, 0.7350



30.6870, 38.6910, 31.1950



75.5000, 95.1230, 76.7790

Inverse Universe

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



33.9950, 7.5640, 6.0920



41.5550, 11.9190, 9.7670



39.9170, -10.1320, -3.6040



21.7120, 0.8710, 0.7350



30.6870, 38.6910, 31.1950



75.5000, 95.1230, 76.7790

Previews

White Background



This preview shows how the YIQ color 33.9950, 7.5640, 6.0920 looks on a white background.

Color Contrast Check

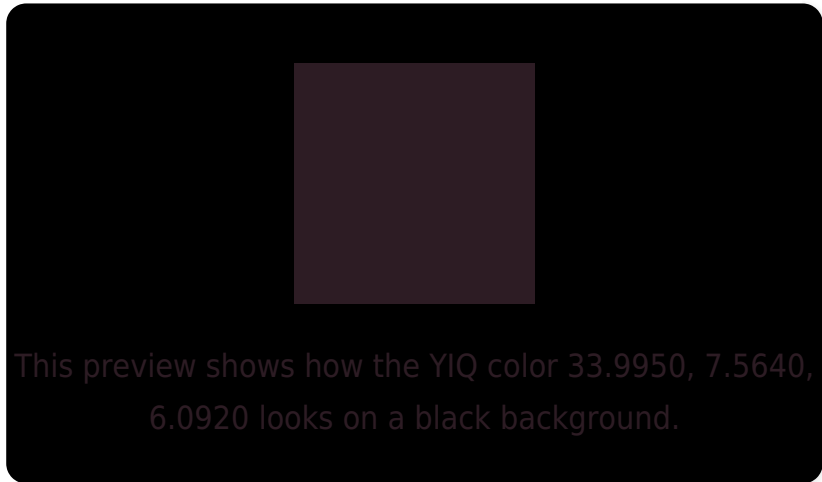
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.9950, 7.5640, 6.0920

Background



This preview shows how black text looks on a background with the YIQ color 33.9950, 7.5640, 6.0920.

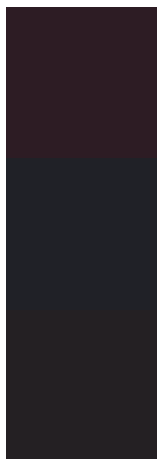


This preview shows how white text looks on a background with the YIQ color 33.9950, 7.5640, 6.0920.

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

33.9950, 7.5640, 6.0920

Protanopia

33.3850, -2.5220, 1.6540

Deuteranopia

33.5380, 1.4210, 1.7810



Tritanopia

33.7130, 8.2980, 3.8020

Trichromacy



Original Color

33.9950, 7.5640, 6.0920

Protanomaly

33.5920, 1.3290, 3.4490

Deuteranomaly

33.8480, 3.4840, 2.9400

Tritanomaly

33.9410, 7.6560, 4.4240

Monochromacy



Original Color

33.9950, 7.5640, 6.0920

Achromatopsia

34.0000, -0.0000, 0.0000

Achromatomaly

34.1360, 2.6130, 2.2050

CSS Examples

Text

The CSS property to change the color of the text to YIQ 33.9950, 7.5640, 6.0920 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(45, 28, 36)` looks like.

```
.text, #text, p{  
    color:rgb(45, 28, 36)  
}
```

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(45, 28, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 28, 36) }
```

Border

The CSS property to change the border of an element to YIQ 33.9950, 7.5640, 6.0920 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(45, 28, 36) }
```

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

```
.border{ border-color:rgb(45, 28, 36) }
```

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

Here you see how a box with a 4 pixel rgb(45, 28, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 28, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 28, 36);  
box-shadow:4px 4px 4px 4px rgb(45, 28, 36)  
}
```


Background

The CSS property to change the background color of an element to YIQ 33.9950, 7.5640, 6.0920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 28, 36) }
```

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

```
.background{ background-color: rgb(45, 28,  
36) }
```

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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