

Converting Colors

YIQ(32.9350, 7.7930, 7.4490)

Have a look what the booklet for
YIQ(32.9350, 7.7930, 7.4490)
contains.

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Color

YIQ(32.9350, 7.7930, 7.4490)

Conversions

Conversions Part 1

Format	Color
Hex	2D1A25
RGB	45, 26, 37
RGB Percent	18%, 10%, 15%
CMY	0.8235, 0.8981, 0.8549
CMYK	0.00, 0.42, 0.18, 0.82
HSL	325°, 27%, 14%
HSV	325°, 42%, 18%
XYZ	1.7860, 1.4302, 1.9327
YIQ	32.9350, 7.7930, 7.4490

Conversions

Conversions Part 2

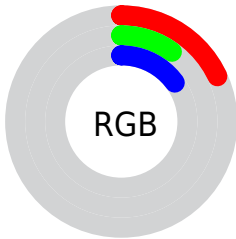
Format	Color
R_{YB}	45, 26, 37
Decimal	2955813
CIE Lab	12.16, 11.56, -3.62
CIE LCh	12, 12.115, 342.596
Yxy	1.4302, 0.3469, 0.2778
Android (android.graphics.Color)	4281145893 (0xFF2D1A25)
YUV	32.9350, 2.0040, 10.5810
Hunter-Lab	11.9592, 5.7288, -1.2101

Details

The YIQ color **32.9350, 7.7930, 7.4490** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **38.0650, -7.7930, -7.4490**, and the grayscale version is **33.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **77.6470, 8.6640, 8.1840**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **29.7720, 9.8100, 9.4420**, and if you desaturate by 10%, it is **35.5110, 6.0510, 5.9790**.

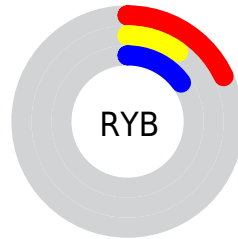
Distribution



Red (18%)

Green (10%)

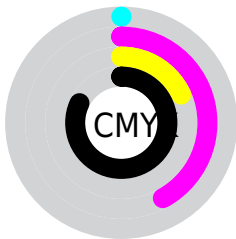
Blue (15%)



Red (18%)

Yellow (10%)

Blue (15%)

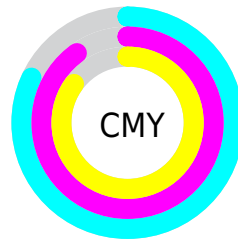


Cyan (0%)

Magenta (42%)

Yellow (18%)

Black (82%)



Cyan (82%)

Magenta (90%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 32.9350, 7.7930, 7.4490 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 32.9350, 7.7930, 7.4490 by changing the saturation by 10% instead.

■ 32.9350, 7.7930,
7.4490

■ 32.9350, 7.7930,
7.4490

■ 254.4130, 0.2750,
0.5230

■ 9.5980, 10.3600,
10.4880

■ 77.0600, 8.9390,
8.7070

■ 0.0000, 0.0000,
0.0000

■ 101.3590, 9.5350,
8.9190

■ 126.6580, 10.1310,
9.1310

■ 152.6580, 10.1310,
9.1310

■ 179.0710, 10.4060,
9.6540

■ 206.3700, 11.0020,

9.8660

234.7830, 11.2770,
10.3890

32.9350, 7.7930,
7.4490

32.9350, 7.7930,
7.4490

29.7720, 9.8100,
9.4420

35.5110, 6.0510,
5.9790

27.1960, 11.5520,
10.9120

38.6740, 4.0340,
3.9860

24.0330, 13.5690,
12.9050

41.2500, 2.2920,
2.5160

21.4570, 15.3110,
14.3750

44.4130, 0.2750,
0.5230

18.4080, 17.0070,
16.6790

47.4620, -1.4210,
-1.7810

■ 16.4190, 18.4740,
17.6260

■ 50.0380, -3.1630,
-3.2510

■ 53.2010, -5.1800,
-5.2440

■ 55.7770, -6.9220,
-6.7140

■ 58.9400, -8.9390,
-8.7070

Harmonies

Analogous

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



32.5150, 0.2280, 6.8840



32.9350, 7.7930, 7.4490



32.3330, 12.4240, 6.1200

Triad

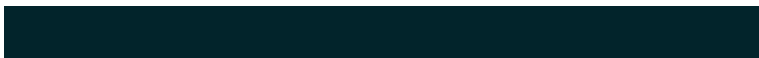
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



32.9350, 7.7930, 7.4490



30.5460, 6.9700, -5.1740



26.6320, -22.5110, -5.0310

Complementary

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



32.9350, 7.7930, 7.4490



38.0650, -7.7930, -7.4490

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.



26.3180, -18.7510, -7.0950



32.9350, 7.7930, 7.4490



30.1860, -0.8240, -7.0960

Square

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



32.9350, 7.7930, 7.4490



31.8780, 11.9670, -2.1210



28.3960, -10.2230, -7.4630



28.7190, -18.2020, -0.5220

Rectangle

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



32.9350, 7.7930, 7.4490



32.2360, 14.0750, 3.7310



28.3960, -10.2230, -7.4630



26.4040, -21.8690, -5.6530

Sweetspot

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



32.9350, 7.7930, 7.4490



53.8480, 3.4840, 2.9400



30.5580, -1.3310, 7.6050



27.8370, 2.0170, 1.9930



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.



32.9350, 7.7930, 7.4490



39.9080, 12.4230, 11.6470



31.9090, 10.6820, 4.6500



21.7120, 0.8710, 0.7350



31.7130, 35.8020, 33.9940



78.1220, 87.7400, 83.9320

Inverse Universe

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



32.9350, 7.7930, 7.4490



39.9080, 12.4230, 11.6470



39.0910, -10.6820, -4.6500



21.7120, 0.8710, 0.7350



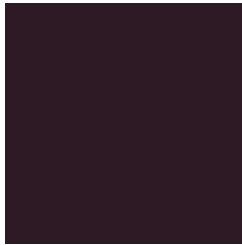
31.7130, 35.8020, 33.9940



78.1220, 87.7400, 83.9320

Previews

White Background



This preview shows how the YIQ color 32.9350, 7.7930, 7.4490 looks on a white background.

Color Contrast Check

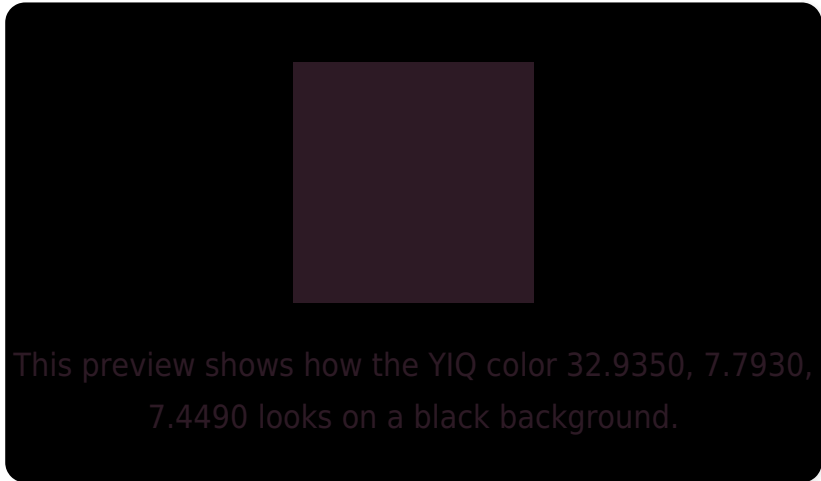
Large Text (above 18pt) WCAG AA ✓ Pass

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

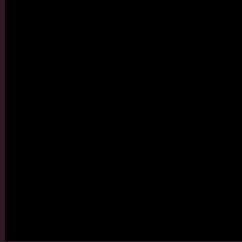
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 32.9350, 7.7930, 7.4490

Background



This preview shows how black text looks on a background with the YIQ color 32.9350, 7.7930, 7.4490.



This preview shows how white text looks on a background with the YIQ color 32.9350, 7.7930, 7.4490.

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

32.9350, 7.7930, 7.4490

Protanopia

32.4280, -4.0810, 2.3750

Deuteranopia

32.4670, 0.1830, 2.1910



Tritanopia

32.3110, 9.4900, 4.2260

Trichromacy



Original Color

32.9350, 7.7930, 7.4490

Protanomaly

32.6350, -0.2300, 4.1700

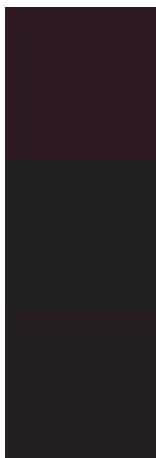
Deuteranomaly

32.4890, 3.1170, 4.0850

Tritanomaly

32.6530, 8.5270, 5.1590

Monochromacy



Original Color

32.9350, 7.7930, 7.4490

Achromatopsia

33.0000, -0.0000, -0.0000

Achromatomaly

32.5490, 2.8880, 2.7280

CSS Examples

Text

The CSS property to change the color of the text to YIQ 32.9350, 7.7930, 7.4490 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, 26, 37)` looks like.

```
.text, #text, p{  
    color:rgb(45, 26, 37)  
}
```

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, 26, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 26, 37) }
```

Border

The CSS property to change the border of an element to YIQ 32.9350, 7.7930, 7.4490 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, 26, 37) }
```

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

```
.border{ border-color:rgb(45, 26, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 26, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 26, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 26, 37);  
box-shadow:4px 4px 4px 4px rgb(45, 26, 37)  
}
```


Background

The CSS property to change the background color of an element to YIQ 32.9350, 7.7930, 7.4490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 26, 37) }
```

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

```
.background{ background-color: rgb(45, 26,  
37) }
```

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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