

Converting Colors

YIQ(34.8030, 25.7200, 7.4480)

Have a look what the booklet for
YIQ(34.8030, 25.7200, 7.4480)
contains.

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Color

**YIQ(34.8030, 25.7200,
7.4480)**

Conversions

Conversions Part 1

Format	Color
Hex	401713
RGB	64, 23, 19
RGB Percent	25%, 9%, 7%
CMY	0.7489, 0.9099, 0.9254
CMYK	0.00, 0.64, 0.70, 0.75
HSL	5°, 54%, 16%
HSV	5°, 70%, 25%
XYZ	2.5398, 1.7500, 0.8212
YIQ	34.8030, 25.7200, 7.4480

Conversions

Conversions Part 2

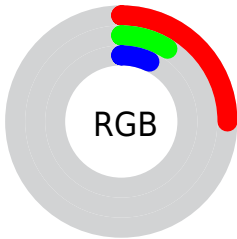
Format	Color
RYB	64, 23, 19
Decimal	4200211
CIELab	14.12, 19.67, 12.59
CIElCh	14, 23.355, 32.629
Yxy	1.7500, 0.4969, 0.3424
Android (android.graphics.Color)	4282390291 (0xFF401713)
YUV	34.8030, -7.7909, 25.6058
Hunter-Lab	13.2288, 11.1191, 5.5796

Details

The YIQ color **34.8030, 25.7200, 7.4480** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **48.1970, -25.7200, -7.4480**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **81.2550, 30.2590, 7.7870**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **30.5970, 29.2960, 8.7200**, and if you desaturate by 10%, it is **39.0090, 22.1440, 6.1760**.

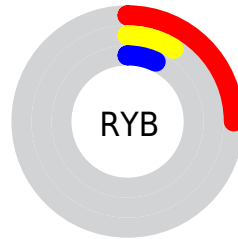
Distribution



Red (25%)

Green (9%)

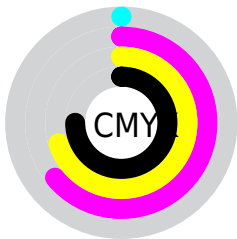
Blue (7%)



Red (25%)

Yellow (9%)

Blue (7%)

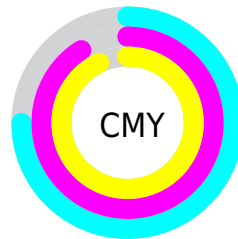


Cyan (0%)

Magenta (64%)

Yellow (70%)

Black (75%)



Cyan (75%)

Magenta (91%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 34.8030, 25.7200, 7.4480 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 34.8030, 25.7200, 7.4480 by changing the saturation by 10% instead.

■ 34.8030, 25.7200,
7.4480

■ 34.8030, 25.7200,
7.4480

■ 252.4580, 4.4020,
-2.6860

■ 12.2590, 24.4360,
8.6920

■ 81.2550, 30.2590,
7.7870

■ 0.0000, 0.0000,
0.0000

■ 105.4510, 32.6430,
8.6350

■ 131.0490, 33.8350,
9.0590

■ 157.5330, 35.3480,
9.1720

■ 184.7180, 36.2650,
9.0730

■ 212.6150, 38.0530,

9.7090

■ 232.2430, 21.3650,
3.7730

■ 34.8030, 25.7200,
7.4480

■ 34.8030, 25.7200,
7.4480

■ 30.5970, 29.2960,
8.7200

■ 39.0090, 22.1440,
6.1760

■ 26.2770, 33.1930,
9.6810

■ 43.3290, 18.2470,
5.2150

■ 22.6580, 36.4940,
10.4300

■ 47.5350, 14.6710,
3.9430

■ 51.2680, 11.0490,
3.5050

■ 55.4740, 7.4730,
2.2330

■ 59.6800, 3.8970,
0.9610

■ 64.0000, -0.0000,
-0.0000

■ 68.2060, -3.5760,
-1.2720

■ 72.5260, -7.4730,
-2.2330

Harmonies

Analogous

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



35.1650, 22.0050, 14.2050



34.8030, 25.7200, 7.4480



34.1800, 25.6760, -2.7720

Triad

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



34.8030, 25.7200, 7.4480



27.8200, -17.6490, -16.0570



29.5850, -32.3240, 2.1080

Complementary

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



34.8030, 25.7200, 7.4480



48.1970, -25.7200, -7.4480

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.



31.4770, -32.1400, -1.2280



34.8030, 25.7200, 7.4480



30.0460, -23.9770, -11.5050

Square

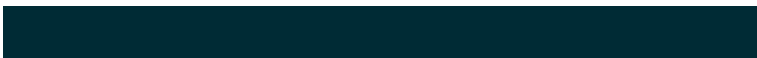
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



34.8030, 25.7200, 7.4480



31.7810, 4.4500, -14.5740



31.2830, -28.8380, -6.0060



36.7410, -6.1000, 11.4360

Rectangle

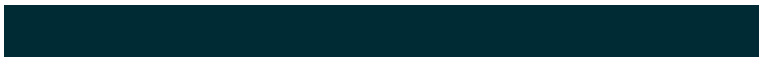
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.8030, 25.7200, 7.4480



34.6090, 19.8540, -7.3940



31.2830, -28.8380, -6.0060



30.6450, -32.5530, 0.7510

Sweetspot

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



34.8030, 25.7200, 7.4480



72.5560, 10.1780, 2.7700



37.1290, 13.6590, 22.2910



35.9900, 5.9600, 2.1200



171.0000, -0.0000, -0.0000



43.0000, -0.0000, -0.0000

Same Dimension

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



34.8030, 25.7200, 7.4480



38.3380, 40.3910, 11.3910



47.7170, 19.6700, -4.0580



30.8970, 1.7880, 0.6360



34.2860, 55.3370, 15.8570



78.7160, 128.0040, 37.0280

Inverse Universe

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



48.1970, -25.7200, -7.4480



59.2490, -40.6660, -11.9140



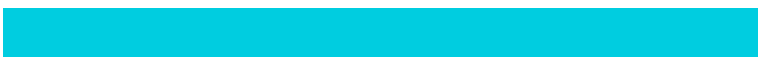
35.2830, -19.6700, 4.0580



32.1030, -1.7880, -0.6360



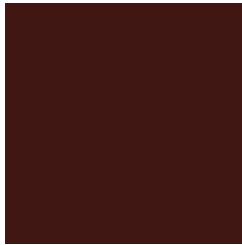
62.7140, -55.3370, -15.8570



145.8710, -128.2790, -37.5510

Previews

White Background



This preview shows how the YIQ color 34.8030, 25.7200, 7.4480 looks on a white background.

Color Contrast Check

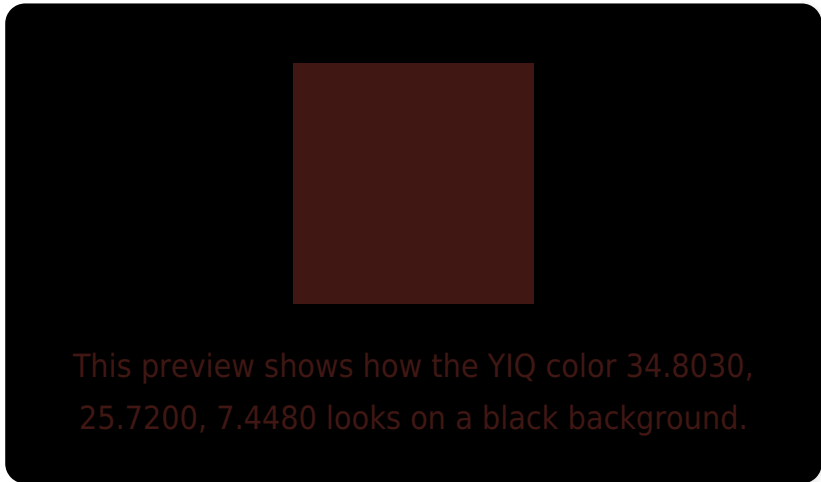
Large Text (above 18pt) WCAG AA ✓ Pass

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

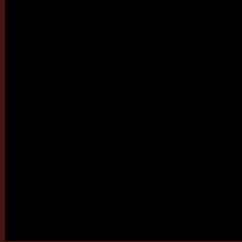
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 34.8030, 25.7200, 7.4480

Background



This preview shows how black text looks on a background with the YIQ color 34.8030, 25.7200, 7.4480.

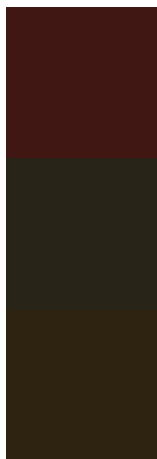


This preview shows how white text looks on a background with the YIQ color 34.8030, 25.7200,

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

34.8030, 25.7200, 7.4480

Protanopia

36.4150, 5.9610, -3.4070

Deuteranopia

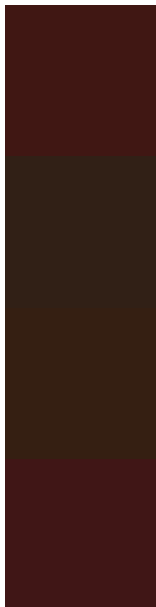
36.2370, 12.3340, -3.2660



Tritanopia

34.7860, 24.3900, 9.5260

Trichromacy



Original Color

34.8030, 25.7200, 7.4480

Protanomaly

35.9430, 13.3420, 0.4940

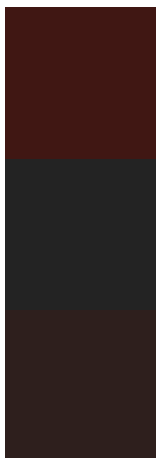
Deuteranomaly

36.0960, 17.2850, 0.6210

Tritanomaly

34.5580, 25.0320, 8.9040

Monochromacy



Original Color

34.8030, 25.7200, 7.4480

Achromatopsia

35.0000, 0.0000, 0.0000

Achromatomaly

35.2570, 9.5820, 2.5580

CSS Examples

Text

The CSS property to change the color of the text to YIQ 34.8030, 25.7200, 7.4480 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(64, 23, 19)` looks like.

```
.text, #text, p{  
    color:rgb(64, 23, 19)  
}
```

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(64, 23, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 23, 19) }
```

Border

The CSS property to change the border of an element to YIQ 34.8030, 25.7200, 7.4480 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(64, 23, 19) }
```


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

```
.border{ border-color:rgb(64, 23, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 23, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 23, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 23, 19);  
box-shadow:4px 4px 4px 4px rgb(64, 23, 19)  
}
```

Background

The CSS property to change the background color of an element to YIQ 34.8030, 25.7200, 7.4480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 23, 19) }
```

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

```
.background{ background-color: rgb(64, 23,  
19) }
```

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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