

Converting Colors

YIQ(57.2550, 21.0910, -2.2770)

Have a look what the booklet for
YIQ(57.2550, 21.0910, -2.2770)
contains.

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Color

**YIQ(57.2550, 21.0910,
-2.2770)**

Conversions

Conversions Part 1

Format	Color
Hex	4C351E
RGB	76, 53, 30
RGB Percent	30%, 21%, 12%
CMY	0.7019, 0.7922, 0.8822
CMYK	0.00, 0.30, 0.60, 0.70
HSL	30°, 43%, 21%
HSV	30°, 60%, 30%
XYZ	4.4886, 4.1761, 1.7995
YIQ	57.2550, 21.0910, -2.2770

Conversions

Conversions Part 2

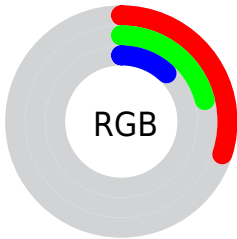
Format	Color
RYB	76, 76, 30
Decimal	4994334
CIELab	24.25, 7.26, 18.44
CIElCh	24, 19.821, 68.519
Yxy	4.1761, 0.4289, 0.3991
Android (android.graphics.Color)	4283184414 (0xFF4C351E)
YUV	57.2550, -13.4367, 16.4394
Hunter-Lab	20.4355, 3.4452, 9.0839

Details

The YIQ color **57.2550, 21.0910, -2.2770** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **48.7450, -21.0910, 2.2770**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.1090, 24.4380, -2.3620**, and **14.2530, 15.4050, 1.6530** is the 20% darker color. If you saturate the color by 10%, you get **53.9950, 24.7590, -2.6730**, and if you desaturate by 10%, it is **60.5150, 17.4230, -1.8810**.

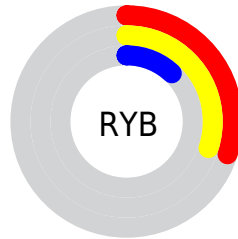
Distribution



Red (30%)

Green (21%)

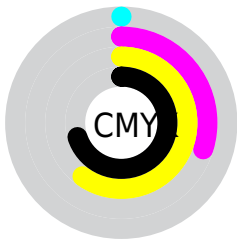
Blue (12%)



Red (30%)

Yellow (30%)

Blue (12%)

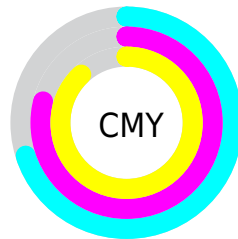


Cyan (0%)

Magenta (30%)

Yellow (60%)

Black (70%)



Cyan (70%)

Magenta (79%)

Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 57.2550, 21.0910, -2.2770 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 57.2550, 21.0910, -2.2770 by changing the saturation by 10% instead.

■ 57.2550, 21.0910,
-2.2770

■ 57.2550, 21.0910,
-2.2770

■ 255.0000, -0.0000,
-0.0000

■ 35.1300, 19.9450,
-3.5350

■ 105.1090, 24.4380,
-2.3620

■ 14.2530, 15.4050,
1.6530

■ 129.7070, 25.6300,
-1.9380

■ 0.0000, 0.0000,
0.0000

■ 156.1910, 27.1430,
-1.8250

■ 183.0770, 27.4640,
-2.1360

■ 210.6750, 28.6560,
-1.7120

■ 236.1580, 22.7420,

-4.6660

■ 252.3780, 7.3830,
-7.1530

■ 57.2550, 21.0910,
-2.2770

■ 57.2550, 21.0910,
-2.2770

■ 53.9950, 24.7590,
-2.6730

■ 60.5150, 17.4230,
-1.8810

■ 50.8490, 28.1060,
-2.7580

■ 63.6610, 14.0760,
-1.7960

■ 48.1760, 31.4990,
-3.6770

■ 66.3340, 10.6830,
-0.8770

■ 45.0300, 34.8460,
-3.7620

■ 69.4800, 7.3360,
-0.7920

■ 72.7400, 3.6680,
-0.3960

■ 76.0000, -0.0000,
-0.0000

■ 79.1460, -3.3470,
0.0850

■ 81.8190, -6.7400,
1.0040

■ 84.9650, -10.0870,
1.0890

Harmonies

Analogous

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



57.8520, 24.0240, 5.1440



57.2550, 21.0910, -2.2770



56.0750, 12.6100, -8.2700

Triad

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



57.2550, 21.0910, -2.2770



45.2230, -37.7770, -14.7130



59.1930, -1.5610, 11.7750

Complementary

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



57.2550, 21.0910, -2.2770



48.7450, -21.0910, 2.2770

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.



56.5220, -18.8450, 5.6270



57.2550, 21.0910, -2.2770



46.8190, -42.2710, -10.3590

Square

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



57.2550, 21.0910, -2.2770



51.7710, -15.9530, -13.7530



49.0740, -38.3750, -3.8710



59.3750, 12.6060, 13.8380

Rectangle

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



57.2550, 21.0910, -2.2770



55.1880, 4.8620, -11.0260



49.0740, -38.3750, -3.8710



58.6160, -7.2460, 10.1780

Sweetspot

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



57.2550, 21.0910, -2.2770



91.7790, 7.9320, -0.5800



46.4900, 19.7120, 17.2160



46.2240, 5.1810, -0.2830



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



57.2550, 21.0910, -2.2770



69.6600, 33.0120, -3.5640



70.1690, 15.0410, -13.7830



36.3700, 1.8340, -0.1980



60.4350, 46.7670, -5.0490



136.2750, 105.4550, -11.3850

Inverse Universe

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



48.7450, -21.0910, 2.2770



56.3400, -33.0120, 3.5640



35.8310, -15.0410, 13.7830



35.6300, -1.8340, 0.1980



41.5650, -46.7670, 5.0490



93.7250, -105.4550, 11.3850

Previews

White Background



This preview shows how the YIQ color 57.2550, 21.0910, -2.2770 looks on a white background.

Color Contrast Check

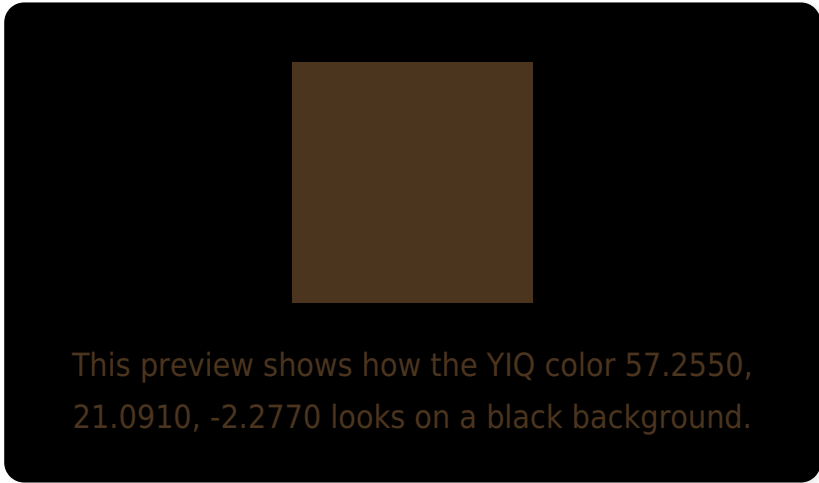
Large Text (above 18pt) WCAG AA ✓ Pass

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

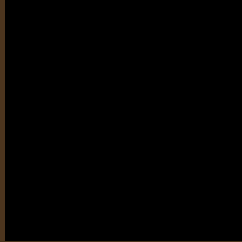
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 57.2550, 21.0910, -2.2770

Background



This preview shows how black text looks on a background with the YIQ color 57.2550, 21.0910, -2.2770.



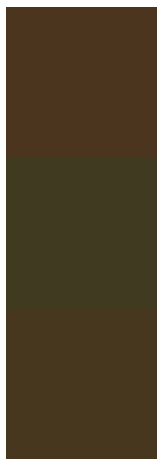
This preview shows how white text looks on a background with the YIQ color 57.2550, 21.0910,

-2.2770.

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

57.2550, 21.0910, -2.2770

Protanopia

56.8300, 11.9220, -6.8140

Deuteranopia

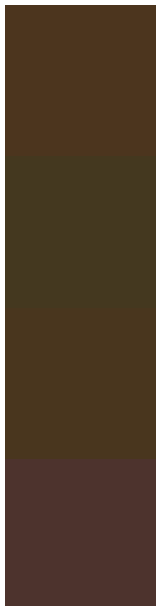
56.9340, 17.5610, -4.3830



Tritanopia

58.8280, 15.4040, 7.1800

Trichromacy



Original Color

57.2550, 21.0910, -2.2770

Protanomaly

56.7380, 15.1770, -5.2310

Deuteranomaly

56.9450, 19.0280, -3.4360

Tritanomaly

58.0900, 17.4220, 3.6460

Monochromacy



Original Color

57.2550, 21.0910, -2.2770

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.3660, 7.6570, -1.1030

CSS Examples

Text

The CSS property to change the color of the text to YIQ 57.2550, 21.0910, -2.2770 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(76, 53, 30)` looks like.

```
.text, #text, p{  
    color:rgb(76, 53, 30)  
}
```

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(76, 53, 30) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 53, 30) }
```

Border

The CSS property to change the border of an element to YIQ 57.2550, 21.0910, -2.2770 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(76, 53, 30) }
```


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

```
.border{ border-color:rgb(76, 53, 30) }
```

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

Here you see how a box with a 4 pixel rgb(76, 53, 30) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 53, 30); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 53, 30);  
box-shadow:4px 4px 4px 4px rgb(76, 53, 30)  
}
```

Background

The CSS property to change the background color of an element to YIQ 57.2550, 21.0910, -2.2770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 53, 30) }
```

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

```
.background{ background-color: rgb(76, 53,  
30) }
```

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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