

Converting Colors

YIQ(55.3400, 27.7410, -12.6670)

Have a look what the booklet for
YIQ(55.3400, 27.7410, -12.6670)
contains.

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Color

**YIQ(55.3400, 27.7410,
-12.6670)**

Conversions

Conversions Part 1

Format	Color
Hex	4A3803
RGB	74, 56, 3
RGB Percent	29%, 22%, 1%
CMY	0.7098, 0.7804, 0.9881
CMYK	0.00, 0.24, 0.96, 0.71
HSL	45°, 92%, 15%
HSV	45°, 96%, 29%
XYZ	4.2547, 4.2902, 0.6911
YIQ	55.3400, 27.7410, -12.6670

Conversions

Conversions Part 2

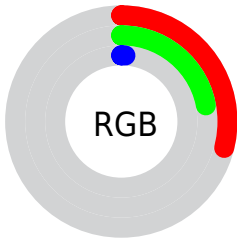
Format	Color
RYB	27, 74, 3
Decimal	4864003
CIELab	24.61, 2.50, 32.54
CIELCh	25, 32.639, 85.613
Yxy	4.2902, 0.4607, 0.4645
Android (android.graphics.Color)	4283054083 (0xFF4A3803)
YUV	55.3400, -25.8036, 16.3648
Hunter-Lab	20.7128, 0.4188, 12.5207

Details

The YIQ color **55.3400, 27.7410, -12.6670** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **21.6600, -27.7410, 12.6670**, and the grayscale version is **56.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **103.8350, 30.7210, -11.6070**, and **15.6930, 11.0500, -2.0220** is the 20% darker color. If you saturate the color by 10%, you get **54.4110, 28.9790, -13.0770**, and if you desaturate by 10%, it is **57.3120, 24.9440, -11.5360**.

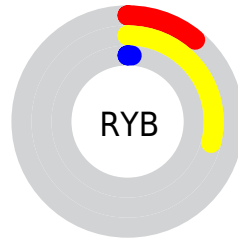
Distribution



Red (29%)

Green (22%)

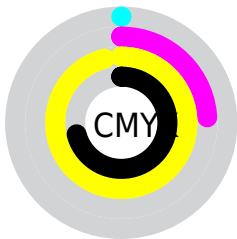
Blue (1%)



Red (11%)

Yellow (29%)

Blue (1%)

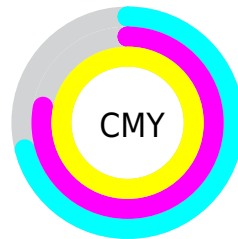


Cyan (0%)

Magenta (24%)

Yellow (96%)

Black (71%)



Cyan (71%)

Magenta (78%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 55.3400, 27.7410, -12.6670 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 55.3400, 27.7410, -12.6670 by changing the saturation by 10% instead.

■ 55.3400, 27.7410,
-12.6670

■ 55.3400, 27.7410,
-12.6670

■ 252.4920, 7.0620,
-6.8420

■ 35.4950, 20.1750,
-7.7050

■ 103.8350, 30.7210,
-11.6070

■ 15.6930, 11.0500,
-2.0220

■ 129.3190, 32.2340,
-11.4940

■ 0.0000, 0.0000,
0.0000

■ 154.8030, 33.7470,
-11.3810

■ 182.2870, 35.2600,
-11.2680

■ 210.3580, 36.4980,
-11.6780

■ 234.9550, 30.2630,

-14.3210

■ 249.3000, 16.0500,
-15.5500

■ 55.3400, 27.7410,
-12.6670

■ 55.3400, 27.7410,
-12.6670

■ 54.4110, 28.9790,
-13.0770

■ 57.3120, 24.9440,
-11.5360

■ 59.3980, 21.8260,
-10.0940

■ 61.3700, 19.0290,
-8.9630

■ 63.4560, 15.9110,
-7.5210

■ 64.8410, 13.3890,
-5.8670

■ 66.8130, 10.5920,
-4.7360

■ 68.8990, 7.4740,
-3.2940

■ 70.8710, 4.6770,
-2.1630

■ 72.9570, 1.5590,
-0.7210

Harmonies

Analogous

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



56.4480, 36.7250, 0.7330



55.3400, 27.7410, -12.6670



52.9570, 9.5860, -19.5500

Triad

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



55.3400, 27.7410, -12.6670



50.0960, -44.6090, -12.0410



60.5740, 10.9080, 22.5880

Complementary

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



55.3400, 27.7410, -12.6670



21.6600, -27.7410, 12.6670

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.



58.4010, -16.6460, 15.3380



55.3400, 27.7410, -12.6670



51.2020, -50.4790, -4.7750

Square

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



55.3400, 27.7410, -12.6670



47.2460, -36.5840, -19.8160



48.7060, -51.7180, 1.1620



57.6270, 29.7520, 22.4880

Rectangle

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



55.3400, 27.7410, -12.6670



50.8070, -7.6070, -21.8390



48.7060, -51.7180, 1.1620



60.3280, 2.7930, 20.9770

Sweetspot

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



55.3400, 27.7410, -12.6670



89.6990, 10.9130, -5.0470



26.3950, 36.2170, 20.9610



43.7140, 6.5570, -3.1950



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



55.3400, 27.7410, -12.6670



71.2670, 38.0120, -17.0920



60.8230, 12.6590, -25.6850



36.9570, 1.5590, -0.7210



75.1100, 39.8920, -18.1240



169.1470, 90.0550, -40.6730

Inverse Universe

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



21.6600, -27.7410, 12.6670



25.7330, -38.0120, 17.0920



16.1770, -12.6590, 25.6850



35.0430, -1.5590, 0.7210



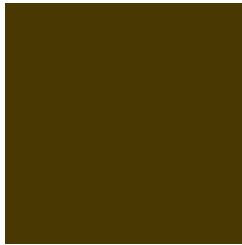
26.8900, -39.8920, 18.1240



60.2660, -89.7800, 41.1960

Previews

White Background



This preview shows how the YIQ color 55.3400, 27.7410, -12.6670 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



This preview shows how the YIQ color 55.3400, 27.7410, -12.6670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

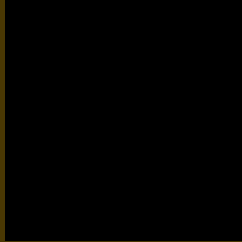
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 55.3400, 27.7410, -12.6670

Background



This preview shows how black text looks on a background with the YIQ color 55.3400, 27.7410, -12.6670.



This preview shows how white text looks on a background with the YIQ color 55.3400, 27.7410,

-12.6670.

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

55.3400, 27.7410, -12.6670

Protanopia

54.9370, 21.5060, -15.3100

Deuteranopia

55.4540, 27.4200, -12.3560



Tritanopia

59.9310, 13.6160, 6.5440

Trichromacy



Original Color

55.3400, 27.7410, -12.6670

Protanomaly

55.1330, 23.8900, -14.4620

Deuteranomaly

55.4540, 27.4200, -12.3560

Tritanomaly

58.0530, 18.8440, -0.1000

Monochromacy



Original Color

55.3400, 27.7410, -12.6670

Achromatopsia

55.0000, 0.0000, 0.0000

Achromatomaly

54.9270, 10.2710, -4.4250

CSS Examples

Text

The CSS property to change the color of the text to YIQ 55.3400, 27.7410, -12.6670 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(74, 56, 3)` looks like.

```
.text, #text, p{  
    color:rgb(74, 56, 3)  
}
```

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(74, 56, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 56, 3) }
```

Border

The CSS property to change the border of an element to YIQ 55.3400, 27.7410, -12.6670 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(74, 56, 3) }
```


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

```
.border{ border-color:rgb(74, 56, 3) }
```

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

Here you see how a box with a 4 pixel rgb(74, 56, 3) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 56, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(74, 56, 3); box-shadow:4px  
4px 4px 4px rgb(74, 56, 3) }
```

Background

The CSS property to change the background color of an element to YIQ 55.3400, 27.7410, -12.6670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 56, 3) }
```

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

```
.background{ background-color: rgb(74, 56,  
3) }
```

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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