

Converting Colors

YIQ(53.7180, -8.4340, -12.3540)

Have a look what the booklet for
YIQ(53.7180, -8.4340, -12.3540)
contains.

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Color

**YIQ(53.7180, -8.4340,
-12.3540)**

Conversions

Conversions Part 1

Format	Color
Hex	26402A
RGB	38, 64, 42
RGB Percent	15%, 25%, 16%
CMY	0.8511, 0.7490, 0.8353
CMYK	0.41, 0.00, 0.34, 0.75
HSL	129°, 26%, 20%
HSV	129°, 41%, 25%
XYZ	3.0505, 4.2469, 2.8490
YIQ	53.7180, -8.4340, -12.3540

Conversions

Conversions Part 2

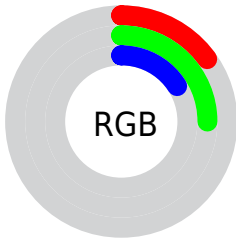
Format	Color
RYB	38, 61, 64
Decimal	2506794
CIELab	24.47, -15.55, 10.40
CIELCh	24, 18.708, 146.218
Yxy	4.2469, 0.3006, 0.4186
Android (android.graphics.Color)	4280696874 (0xFF26402A)
YUV	53.7180, -5.7770, -13.7847
Hunter-Lab	20.6079, -9.6415, 6.2287

Details

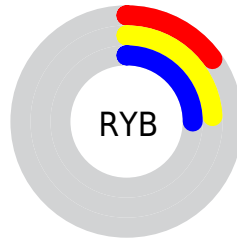
The YIQ color **53.7180, -8.4340, -12.3540** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **48.2820, 8.4340, 12.3540**, and the grayscale version is **54.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **100.7780, -8.6630, -13.7110**, and **13.5010, -6.3250, -12.0290** is the 20% darker color. If you saturate the color by 10%, you get **51.3540, -10.4050, -15.1810**, and if you desaturate by 10%, it is **56.0820, -6.4630, -9.5270**.

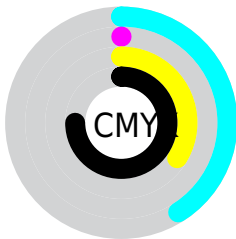
Distribution



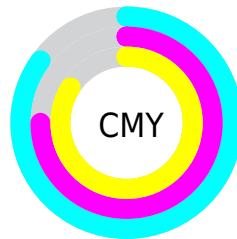
- Red (15%)
- Green (25%)
- Blue (16%)



- Red (15%)
- Yellow (24%)
- Blue (25%)



- Cyan (41%)
- Magenta (0%)
- Yellow (34%)
- Black (75%)



- Cyan (85%)
- Magenta (75%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 53.7180, -8.4340, -12.3540 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 53.7180, -8.4340, -12.3540 by changing the saturation by 10% instead.

■ 53.7180, -8.4340,
-12.3540

■ 53.7180, -8.4340,
-12.3540

■ 255.0000, -0.0000,
-0.0000

■ 31.8320, -8.7550,
-12.0430

■ 100.7780, -8.6630,
-13.7110

■ 13.5010, -6.3250,
-12.0290

■ 125.7780, -8.6630,
-13.7110

■ 0.0000, 0.0000,
0.0000

■ 151.9520, -9.2130,
-14.7570

■ 178.9520, -9.2130,
-14.7570

■ 206.5390, -9.4880,
-15.2800

■ 234.5390, -9.4880,

-15.2800

■ 250.7990, -3.9880,
-4.8200

■ 53.7180, -8.4340,
-12.3540

■ 53.7180, -8.4340,
-12.3540

■ 51.3540, -10.4050,
-15.1810

■ 56.0820, -6.4630,
-9.5270

■ 48.5770, -12.6510,
-18.5310

■ 58.8590, -4.2170,
-6.1770

■ 46.2130, -14.6220,
-21.3580

■ 61.2230, -2.2460,
-3.3500

■ 43.4360, -16.8680,
-24.7080

■ 64.0000, -0.0000,
-0.0000

■ 41.0720, -18.8390,
-27.5350

■ 66.3640, 1.9710,
2.8270

■ 38.7080, -20.8100,
-30.3620

■ 68.7280, 3.9420,
5.6540

■ 71.5050, 6.1880,
9.0040

■ 73.8690, 8.1590,
11.8310

■ 76.6460, 10.4050,
15.1810

Harmonies

Analogous

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



55.9000, 5.7330, -10.2910



53.7180, -8.4340, -12.3540



49.9210, -25.1230, -12.7630

Triad

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



53.7180, -8.4340, -12.3540



55.1900, -23.8420, 2.5740



58.8350, 22.6940, 7.2220

Complementary

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



53.7180, -8.4340, -12.3540



48.2820, 8.4340, 12.3540

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.



59.5450, 17.8790, 11.8870



53.7180, -8.4340, -12.3540



58.7900, -7.7960, 9.1320

Square

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



53.7180, -8.4340, -12.3540



47.9980, -41.2170, -7.4330



59.9120, 6.6000, 12.5520



58.4340, 22.1450, 0.6490

Rectangle

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



53.7180, -8.4340, -12.3540



46.7500, -37.8230, -13.8790



59.9120, 6.6000, 12.5520



59.1170, 21.9600, 9.5120

Sweetspot

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



53.7180, -8.4340, -12.3540



80.0980, -3.3920, -4.6080



59.8400, 5.9620, -8.9340



40.6360, -1.9710, -2.8270



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.



53.7180, -8.4340, -12.3540



67.7510, -13.2010, -19.5770



55.2000, -12.6070, -8.3110



31.7610, -0.8250, -1.5690



58.6490, -31.4900, -46.0660



135.4780, -72.8350, -106.2670

Inverse Universe

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



48.2820, 8.4340, 12.3540



59.2490, 13.2010, 19.5770



46.8000, 12.6070, 8.3110



31.2390, 0.8250, 1.5690



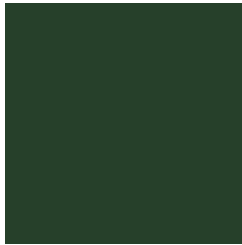
38.3510, 31.4900, 46.0660



88.6360, 72.5140, 106.5780

Previews

White Background



This preview shows how the YIQ color 53.7180, -8.4340, -12.3540 looks on a white background.

Color Contrast Check

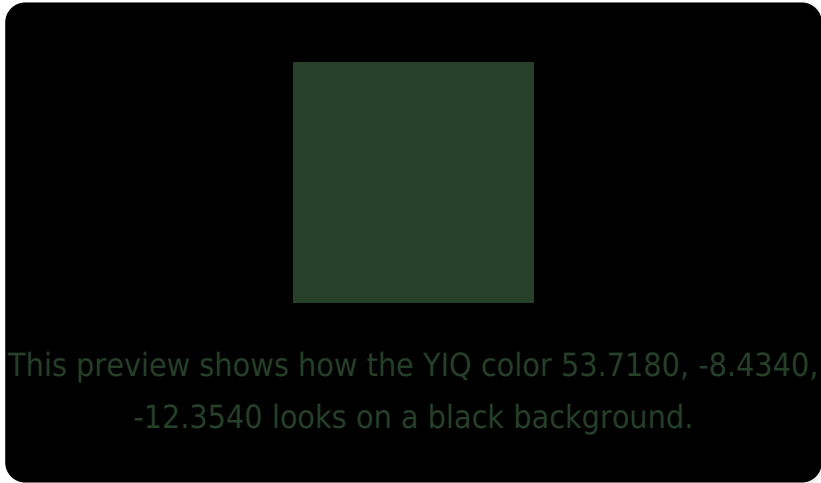
Large Text (above 18pt) WCAG AA ✓ Pass

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

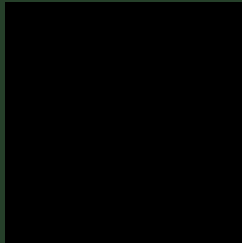
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 53.7180, -8.4340, -12.3540

Background



This preview shows how black text looks on a background with the YIQ color 53.7180, -8.4340, -12.3540.



This preview shows how white text looks on a background with the YIQ color 53.7180, -8.4340, -12.3540.

-12.3540.

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

53.7180, -8.4340, -12.3540

Protanopia

57.3290, 9.0790, -4.8490

Deuteranopia

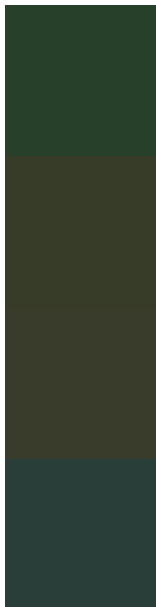
58.2200, 11.0040, -1.1880



Tritanopia

56.1880, -12.3330, -2.2610

Trichromacy



Original Color

53.7180, -8.4340, -12.3540

Protanomaly

55.9260, 2.8440, -7.4920

Deuteranomaly

56.5780, 3.9440, -5.4000

Tritanomaly

55.1510, -10.9110, -6.0070

Monochromacy



Original Color

53.7180, -8.4340, -12.3540

Achromatopsia

54.0000, -0.0000, 0.0000

Achromatomaly

54.0980, -3.3920, -4.6080

CSS Examples

Text

The CSS property to change the color of the text to YIQ 53.7180, -8.4340, -12.3540 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(38, 64, 42)` looks like.

```
.text, #text, p{  
    color:rgb(38, 64, 42)  
}
```

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(38, 64, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 64, 42) }
```

Border

The CSS property to change the border of an element to YIQ 53.7180, -8.4340, -12.3540 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(38, 64, 42) }
```


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

```
.border{ border-color:rgb(38, 64, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 64, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 64, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 64, 42);  
box-shadow:4px 4px 4px 4px rgb(38, 64, 42)  
}
```

Background

The CSS property to change the background color of an element to YIQ 53.7180, -8.4340, -12.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 64, 42) }
```

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

```
.background{ background-color: rgb(38, 64,  
42) }
```

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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