

Converting Colors

YIQ(41.6550, -21.3180,
-10.1340)

Have a look what the booklet for
YIQ(41.6550, -21.3180, -10.1340)
contains.

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Color

**YIQ(41.6550, -21.3180,
-10.1340)**

Conversions

Conversions Part 1

Format	Color
Hex	0F3630
RGB	15, 54, 48
RGB Percent	6%, 21%, 19%
CMY	0.9413, 0.7882, 0.8118
CMYK	0.72, 0.00, 0.11, 0.79
HSL	171°, 57%, 14%
HSV	171°, 72%, 21%
XYZ	2.0496, 2.9544, 3.2563
YIQ	41.6550, -21.3180, -10.1340

Conversions

Conversions Part 2

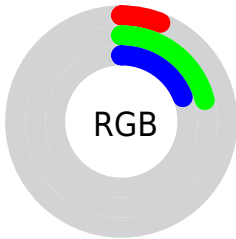
Format	Color
R_{YB}	15, 36, 54
Decimal	996912
CIE Lab	19.86, -15.40, -0.25
CIE LCh	20, 15.403, 180.936
Yxy	2.9544, 0.2481, 0.3577
Android (android.graphics.Color)	4279186992 (0xFF0F3630)
YUV	41.6550, 3.1281, -23.3764
Hunter-Lab	17.1885, -8.7950, 0.7995

Details

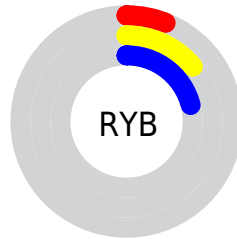
The YIQ color **41.6550, -21.3180, -10.1340** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **27.3450, 21.3180, 10.1340**, and the grayscale version is **42.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **88.8400, -20.4010, -10.2330**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **40.0460, -23.9770, -11.5050**, and if you desaturate by 10%, it is **43.2640, -18.6590, -8.7630**.

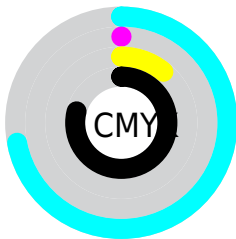
Distribution



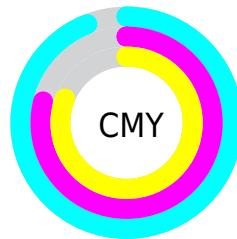
- Red (6%)
- Green (21%)
- Blue (19%)



- Red (6%)
- Yellow (14%)
- Blue (21%)



- Cyan (72%)
- Magenta (0%)
- Yellow (11%)
- Black (79%)



- Cyan (94%)
- Magenta (79%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 41.6550, -21.3180, -10.1340 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 41.6550, -21.3180, -10.1340 by changing the saturation by 10% instead.

■ 41.6550, -21.3180,
-10.1340

■ 41.6550, -21.3180,
-10.1340

■ 253.2060, -3.5760,
-1.2720

■ 22.4490, -17.7420,
-8.8620

■ 88.8400, -20.4010,
-10.2330

■ 0.0000, 0.0000,
0.0000

■ 113.5410,
-20.9970, -10.4450

■ 139.1280,
-21.2720, -10.9680

■ 165.8290,
-21.8680, -11.1800

■ 192.8290,
-21.8680, -11.1800

■ 221.1170,

-22.7390, -11.9150

■ 244.5350,
-20.8600, -7.4200

■ 41.6550, -21.3180,
-10.1340

■ 41.6550, -21.3180,
-10.1340

■ 40.0460, -23.9770,
-11.5050

■ 43.2640, -18.6590,
-8.7630

■ 38.1380, -27.2320,
-13.0880

■ 45.1720, -15.4040,
-7.1800

■ 36.9420, -29.6160,
-13.9360

■ 46.6670, -12.4240,
-6.1200

■ 48.5750, -9.1690,
-4.5370

■ 50.1840, -6.5100,
-3.1660

■ 51.7930, -3.8510,
-1.7950

■ 53.7010, -0.5960,
-0.2120

■ 55.3100, 2.0630,
1.1590

■ 57.1040, 5.6390,
2.4310

Harmonies

Analogous

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



44.2990, -8.5720, -9.8520



41.6550, -21.3180, -10.1340



39.6200, -31.4050, -9.0450

Triad

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



41.6550, -21.3180, -10.1340



49.0030, -4.0820, 7.9020



48.2700, 16.7350, -0.4250

Complementary

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



41.6550, -21.3180, -10.1340



27.3450, 21.3180, 10.1340

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.



48.3290, 18.2470, 5.2150



41.6550, -21.3180, -10.1340



49.3310, 6.7380, 10.0500

Square

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



41.6550, -21.3180, -10.1340



46.3110, -16.8730, 2.9270



48.9960, 14.9910, 9.1590



46.8840, 11.8300, -5.1460

Rectangle

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



41.6550, -21.3180, -10.1340



40.6140, -31.2680, -6.0200



48.9960, 14.9910, 9.1590



48.2210, 18.4310, 1.8790

Sweetspot

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



41.6550, -21.3180, -10.1340



66.2870, -8.2980, -3.8020



39.6870, -7.1490, -19.1250



32.7820, -5.3180, -2.7420



163.0000, -0.0000, -0.0000



36.0000, -0.0000, 0.0000

Same Dimension

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



41.6550, -21.3180, -10.1340



51.4360, -34.0630, -15.9430



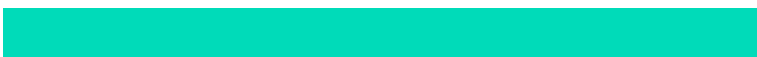
34.7080, -19.6690, -1.4690



27.1030, -1.7880, -0.6360



62.8960, -50.3380, -23.8580



149.6430, -119.6100, -57.0020

Inverse Universe

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



27.3450, 21.3180, 10.1340



28.6780, 33.7420, 16.2540



34.2920, 19.6690, 1.4690



26.0110, 1.4670, 0.9470



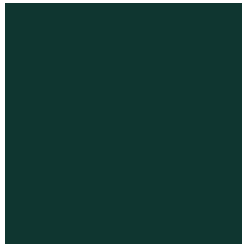
29.1040, 50.3380, 23.8580



69.3570, 119.6100, 57.0020

Previews

White Background



This preview shows how the YIQ color 41.6550, -21.3180, -10.1340 looks on a white background.

Color Contrast Check

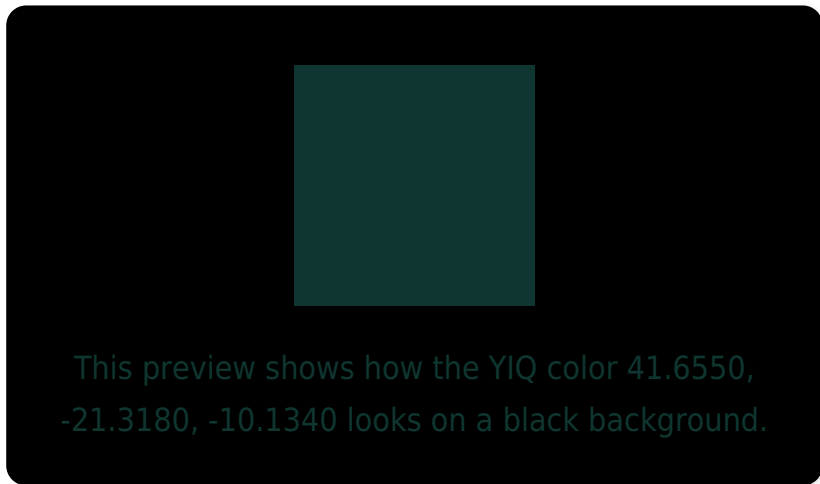
Large Text (above 18pt) WCAG AA ✓ Pass

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

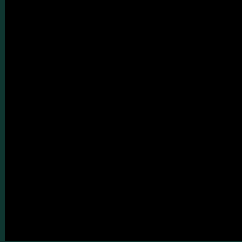
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 41.6550, -21.3180, -10.1340

Background



This preview shows how black text looks on a background with the YIQ color 41.6550, -21.3180, -10.1340.



This preview shows how white text looks on a background with the YIQ color 41.6550, -21.3180,

-10.1340.

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

41.6550, -21.3180, -10.1340

Protanopia

48.2560, 2.1550, -0.5090

Deuteranopia

48.8370, 2.0170, 1.9930



Tritanopia

43.5890, -20.9520, -5.7520

Trichromacy



Original Color

41.6550, -21.3180, -10.1340

Protanomaly

45.6570, -6.4640, -4.0000

Deuteranomaly

46.5970, -6.2350, -2.6430

Tritanomaly

42.6490, -21.1810, -7.1090

Monochromacy



Original Color

41.6550, -21.3180, -10.1340

Achromatopsia

42.0000, -0.0000, -0.0000

Achromatomaly

41.5860, -7.7020, -3.5900

CSS Examples

Text

The CSS property to change the color of the text to YIQ 41.6550, -21.3180, -10.1340 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(15, 54, 48)` looks like.

```
.text, #text, p{  
    color:rgb(15, 54, 48)  
}
```

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(15, 54, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 54, 48) }
```

Border

The CSS property to change the border of an element to YIQ 41.6550, -21.3180, -10.1340 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(15, 54, 48) }
```


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

```
.border{ border-color:rgb(15, 54, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 54, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 54, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(15, 54, 48);  
box-shadow:4px 4px 4px 4px rgb(15, 54, 48)  
}
```

Background

The CSS property to change the background color of an element to YIQ 41.6550, -21.3180, -10.1340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 54, 48) }
```

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

```
.background{ background-color: rgb(15, 54,  
48) }
```

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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