

Converting Colors

YIQ(56.9990, -16.5950,
-13.1310)

Have a look what the booklet for
YIQ(56.9990, -16.5950, -13.1310)
contains.

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Color

**YIQ(56.9990, -16.5950,
-13.1310)**

Conversions

Conversions Part 1

Format	Color
Hex	214635
RGB	33, 70, 53
RGB Percent	13%, 27%, 21%
CMY	0.8707, 0.7254, 0.7922
CMYK	0.53, 0.00, 0.24, 0.73
HSL	152°, 36%, 20%
HSV	152°, 53%, 27%
XYZ	3.4598, 4.9621, 4.1420
YIQ	56.9990, -16.5950, -13.1310

Conversions

Conversions Part 2

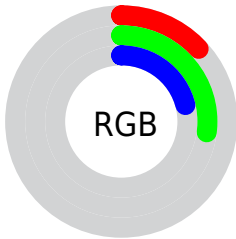
Format	Color
R_{YB}	33, 57, 70
Decimal	2180661
CIE _{Lab}	26.63, -18.03, 6.23
CIE _{LCh}	27, 19.074, 160.934
Yxy	4.9621, 0.2754, 0.3949
Android (android.graphics.Color)	4280370741 (0xFF214635)
YUV	56.9990, -1.9715, -21.0471
Hunter-Lab	22.2758, -11.2584, 4.5686

Details

The YIQ color **56.9990, -16.5950, -13.1310** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **46.0010, 16.5950, 13.1310**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.1730, -17.1450, -14.1770**, and **17.3480, -10.2680, -12.1560** is the 20% darker color. If you saturate the color by 10%, you get **54.5640, -19.8040, -15.5480**, and if you desaturate by 10%, it is **59.4340, -13.3860, -10.7140**.

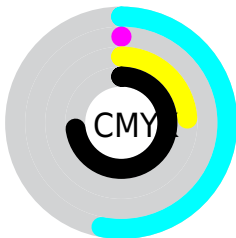
Distribution



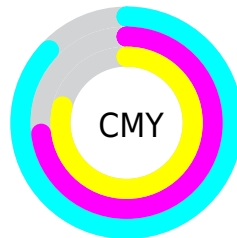
- Red (13%)
- Green (27%)
- Blue (21%)



- Red (13%)
- Yellow (22%)
- Blue (27%)



- Cyan (53%)
- Magenta (0%)
- Yellow (24%)
- Black (73%)



- Cyan (87%)
- Magenta (73%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.9990, -16.5950, -13.1310 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 56.9990, -16.5950, -13.1310 by changing the saturation by 10% instead.

■ 56.9990, -16.5950,
-13.1310

■ 56.9990, -16.5950,
-13.1310

■ 255.0000, -0.0000,
-0.0000

■ 33.9280, -17.8330,
-12.7210

■ 105.1730,
-17.1450, -14.1770

■ 17.3480, -10.2680,
-12.1560

■ 130.0590,
-16.8240, -14.4880

■ 0.0000, 0.0000,
0.0000

■ 156.6460,
-17.0990, -15.0110

■ 183.3470,
-17.6950, -15.2230

■ 210.9340,
-17.9700, -15.7460

■ 239.6350,

-18.5660, -15.9580

■ 250.8140, -8.3440,
-2.9680

■ 56.9990, -16.5950,
-13.1310

■ 56.9990, -16.5950,
-13.1310

■ 54.5640, -19.8040,
-15.5480

■ 59.4340, -13.3860,
-10.7140

■ 52.1290, -23.0130,
-17.9650

■ 61.8690, -10.1770,
-8.2970

■ 49.5800, -25.9010,
-20.6930

■ 64.4180, -7.2890,
-5.5690

■ 47.1450, -29.1100,
-23.1100

■ 66.8530, -4.0800,
-3.1520

■ 45.4220, -31.4480,
-24.7920

■ 69.2880, -0.8710,
-0.7350

■ 71.7230, 2.3380,
1.6820

■ 74.2720, 5.2260,
4.4100

■ 76.7070, 8.4350,
6.8270

■ 79.1420, 11.6440,
9.2440

Harmonies

Analogous

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



59.7250, -1.1440, -12.3120



56.9990, -16.5950, -13.1310



52.7180, -34.7970, -13.6530

Triad

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



56.9990, -16.5950, -13.1310



62.6040, -16.1400, 6.1640



63.4390, 23.7490, 4.6210

Complementary

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



56.9990, -16.5950, -13.1310



46.0010, 16.5950, 13.1310

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.



64.3450, 21.3180, 10.1340



56.9990, -16.5950, -13.1310



64.3780, -0.6440, 11.6760

Square

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



56.9990, -16.5950, -13.1310



57.0640, -32.4150, -1.7510



64.8480, 12.6520, 13.0040



62.6570, 19.8990, -2.7010

Rectangle

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



56.9990, -16.5950, -13.1310



49.8680, -43.9670, -12.6630



64.8480, 12.6520, 13.0040



63.9060, 23.9320, 6.8120

Sweetspot

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



56.9990, -16.5950, -13.1310



86.7170, -6.6930, -5.3570



59.8020, -0.0430, -15.7470



42.8530, -4.0800, -3.1520



173.0000, -0.0000, 0.0000



46.0000, 0.0000, -0.0000

Same Dimension

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



56.9990, -16.5950, -13.1310



71.5800, -25.9010, -20.6930



58.3500, -21.7770, -7.3210



34.5760, -1.7420, -1.4700



64.2690, -44.5590, -34.9830



147.2710, -101.9080, -80.4680

Inverse Universe

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



46.0010, 16.5950, 13.1310



54.4200, 25.9010, 20.6930



44.6500, 21.7770, 7.3210



33.4240, 1.7420, 1.4700



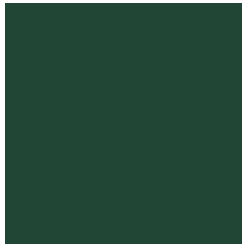
34.8450, 44.2380, 35.2940



79.7290, 101.9080, 80.4680

Previews

White Background



This preview shows how the YIQ color 56.9990, -16.5950, -13.1310 looks on a white background.

Color Contrast Check

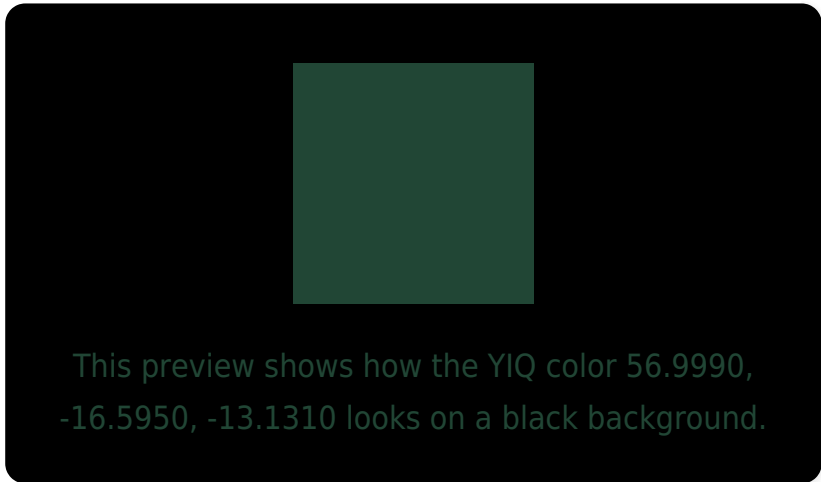
Large Text (above 18pt) WCAG AA ✓ Pass

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 56.9990, -16.5950, -13.1310

Background



This preview shows how black text looks on a background with the YIQ color 56.9990, -16.5950, -13.1310.



This preview shows how white text looks on a background with the YIQ color 56.9990, -16.5950,

-13.1310.

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

56.9990, -16.5950, -13.1310

Protanopia

62.6000, 6.8780, -3.5060

Deuteranopia

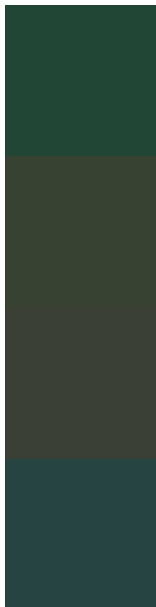
63.0180, 8.7570, 0.9890



Tritanopia

59.3120, -18.6140, -4.0700

Trichromacy



Original Color

56.9990, -16.5950, -13.1310

Protanomaly

60.8870, -1.4200, -7.3080

Deuteranomaly

61.0660, -0.3660, -4.3820

Tritanomaly

58.5030, -17.8340, -7.1940

Monochromacy



Original Color

56.9990, -16.5950, -13.1310

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.1300, -6.4180, -4.8340

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.9990, -16.5950, -13.1310 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(33, 70, 53)` looks like.

```
.text, #text, p{  
    color:rgb(33, 70, 53)  
}
```

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(33, 70, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 70, 53) }
```

Border

The CSS property to change the border of an element to YIQ 56.9990, -16.5950, -13.1310 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(33, 70, 53) }
```


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

```
.border{ border-color:rgb(33, 70, 53) }
```

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

Here you see how a box with a 4 pixel rgb(33, 70, 53) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 70, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 70, 53);  
box-shadow:4px 4px 4px 4px rgb(33, 70, 53)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.9990, -16.5950, -13.1310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 70, 53) }
```

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

```
.background{ background-color: rgb(33, 70,  
53) }
```

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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