

Converting Colors

YIQ(56.9780, -12.1020,
-11.9580)

Have a look what the booklet for
YIQ(56.9780, -12.1020, -11.9580)
contains.

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Color

**YIQ(56.9780, -12.1020,
-11.9580)**

Conversions

Conversions Part 1

Format	Color
Hex	264432
RGB	38, 68, 50
RGB Percent	15%, 27%, 20%
CMY	0.8511, 0.7333, 0.8040
CMYK	0.44, 0.00, 0.26, 0.73
HSL	144°, 28%, 21%
HSV	144°, 44%, 27%
XYZ	3.4420, 4.7776, 3.7574
YIQ	56.9780, -12.1020, -11.9580

Conversions

Conversions Part 2

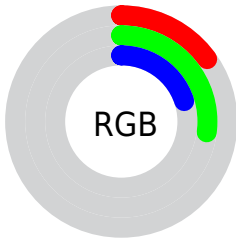
Format	Color
RYB	38, 59, 68
Decimal	2507826
CIELab	26.09, -16.01, 7.46
CIELCh	26, 17.660, 155.019
Yxy	4.7776, 0.2874, 0.3989
Android (android.graphics.Color)	4280697906 (0xFF264432)
YUV	56.9780, -3.4402, -16.6437
Hunter-Lab	21.8578, -10.1427, 5.1084

Details

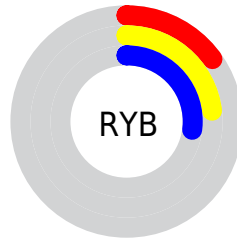
The YIQ color **56.9780, -12.1020, -11.9580** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **49.0220, 12.1020, 11.9580**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **104.4510, -12.0560, -12.7920**, and **15.6040, -8.1130, -12.6650** is the 20% darker color. If you saturate the color by 10%, you get **54.4290, -14.9900, -14.6860**, and if you desaturate by 10%, it is **59.5270, -9.2140, -9.2300**.

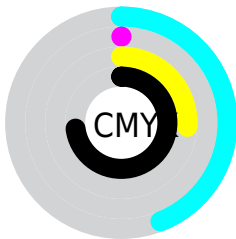
Distribution



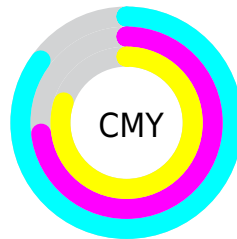
- Red (15%)
- Green (27%)
- Blue (20%)



- Red (15%)
- Yellow (23%)
- Blue (27%)



- Cyan (44%)
- Magenta (0%)
- Yellow (26%)
- Black (73%)



- Cyan (85%)
- Magenta (73%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.9780, -12.1020, -11.9580 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 56.9780, -12.1020, -11.9580 by changing the saturation by 10% instead.

■ 56.9780, -12.1020,
-11.9580

■ 56.9780, -12.1020,
-11.9580

■ 255.0000, -0.0000,
-0.0000

■ 35.0920, -12.4230,
-11.6470

■ 104.4510,
-12.0560, -12.7920

■ 15.6040, -8.1130,
-12.6650

■ 129.7390,
-12.9270, -13.5270

■ 0.0000, 0.0000,
0.0000

■ 156.3260,
-13.2020, -14.0500

■ 182.9130,
-13.4770, -14.5730

■ 210.6140,
-14.0730, -14.7850

■ 238.6140,

-14.0730, -14.7850

252.0100, -5.9600,
-2.1200

56.9780, -12.1020,
-11.9580

56.9780, -12.1020,
-11.9580

54.4290, -14.9900,
-14.6860

59.5270, -9.2140,
-9.2300

51.8800, -17.8780,
-17.4140

62.0760, -6.3260,
-6.5020

49.6300, -20.1700,
-19.9300

64.3260, -4.0340,
-3.9860

47.0810, -23.0580,
-22.6580

66.8750, -1.1460,
-1.2580

44.5320, -25.9460,
-25.3860

69.4240, 1.7420,
1.4700

■ 42.9940, -27.3670,
-27.1670

■ 71.9730, 4.6300,
4.1980

■ 74.6360, 7.1970,
7.2370

■ 76.8860, 9.4890,
9.7530

■ 79.4350, 12.3770,
12.4810

Harmonies

Analogous

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



59.3340, 1.5150, -10.9410



56.9780, -12.1020, -11.9580



54.0780, -27.0030, -11.7310

Triad

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



56.9780, -12.1020, -11.9580



60.1800, -17.8820, 4.6940



62.4820, 22.1900, 5.3420

Complementary

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



56.9780, -12.1020, -11.9580



49.0220, 12.1020, 11.9580

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.



63.0890, 19.1630, 10.6430



56.9780, -12.1020, -11.9580



62.7690, -3.3030, 10.3050

Square

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



56.9780, -12.1020, -11.9580



55.7220, -31.4520, -2.6840



63.6520, 10.2680, 12.1560



61.7110, 19.8070, -1.0330

Rectangle

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



56.9780, -12.1020, -11.9580



52.1140, -35.8520, -11.0520



63.6520, 10.2680, 12.1560



62.6500, 21.7770, 7.3210

Sweetspot

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



56.9780, -12.1020, -11.9580



84.9130, -4.3090, -4.5090



61.2910, 3.0740, -11.6620



43.3370, -2.5670, -3.0390



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.



56.9780, -12.1020, -11.9580



71.7550, -19.0240, -18.6720



58.6880, -16.9170, -7.2930



31.8750, -1.1460, -1.2580



61.3850, -39.1940, -38.6020



141.7480, -90.4900, -89.1620

Inverse Universe

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



49.0220, 12.1020, 11.9580



59.2450, 19.0240, 18.6720



47.3120, 16.9170, 7.2930



31.1250, 1.1460, 1.2580



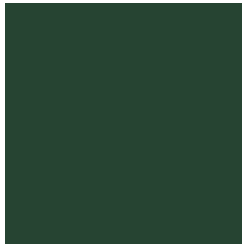
35.6150, 39.1940, 38.6020



82.3660, 90.1690, 89.4730

Previews

White Background



This preview shows how the YIQ color 56.9780, -12.1020, -11.9580 looks on a white background.

Color Contrast Check

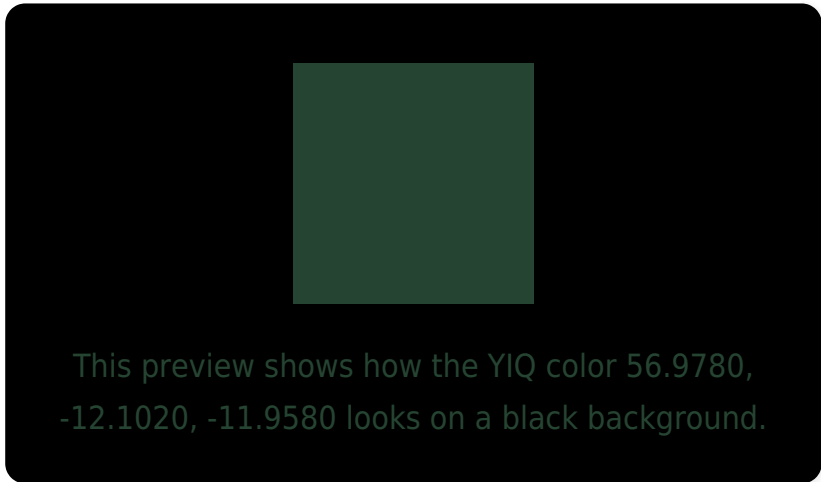
Large Text (above 18pt) WCAG AA ✓ Pass

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

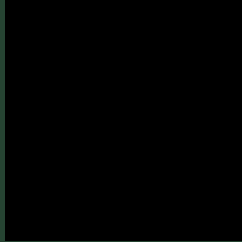
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.9780, -12.1020, -11.9580

Background



This preview shows how black text looks on a background with the YIQ color 56.9780, -12.1020, -11.9580.



This preview shows how white text looks on a background with the YIQ color 56.9780, -12.1020,

-11.9580.

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

56.9780, -12.1020, -11.9580

Protanopia

61.4860, 7.1990, -3.8170

Deuteranopia

61.7900, 9.3990, 0.3670



Tritanopia

59.1060, -15.0380, -2.7980

Trichromacy



Original Color

56.9780, -12.1020, -11.9580

Protanomaly

59.7840, 0.3680, -6.6720

Deuteranomaly

59.8490, 1.7430, -4.0570

Tritanomaly

58.1830, -13.9370, -6.2330

Monochromacy



Original Color

56.9780, -12.1020, -11.9580

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

56.9130, -4.3090, -4.5090

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.9780, -12.1020, -11.9580 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, 68, 50)` looks like.

```
.text, #text, p{  
    color:rgb(38, 68, 50)  
}
```

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, 68, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 68, 50) }
```

Border

The CSS property to change the border of an element to YIQ 56.9780, -12.1020, -11.9580 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, 68, 50) }
```


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

```
.border{ border-color:rgb(38, 68, 50) }
```

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

Here you see how a box with a 4 pixel rgb(38, 68, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 68, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 68, 50);  
box-shadow:4px 4px 4px 4px rgb(38, 68, 50)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.9780, -12.1020, -11.9580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 68, 50) }
```

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

```
.background{ background-color: rgb(38, 68,  
50) }
```

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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