

Converting Colors

YIQ(58.9570, -33.9720,
-12.0840)

Have a look what the booklet for
YIQ(58.9570, -33.9720, -12.0840)
contains.

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Color

**YIQ(58.9570, -33.9720,
-12.0840)**

Conversions

Conversions Part 1

Format	Color
Hex	134C4C
RGB	19, 76, 76
RGB Percent	7%, 30%, 30%
CMY	0.9256, 0.7019, 0.7021
CMYK	0.75, 0.00, 0.00, 0.70
HSL	180°, 60%, 19%
HSV	180°, 75%, 30%
XYZ	4.1573, 5.8316, 7.7377
YIQ	58.9570, -33.9720, -12.0840

Conversions

Conversions Part 2

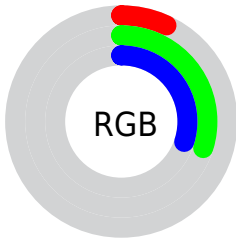
Format	Color
R_{YB}	19, 48, 76
Decimal	1264716
CIE Lab	28.98, -17.73, -5.28
CIE LCh	29, 18.497, 196.597
Yxy	5.8316, 0.2345, 0.3290
Android (android.graphics.Color)	4279454796 (0xFF134C4C)
YUV	58.9570, 8.4022, -35.0423
Hunter-Lab	24.1487, -11.5309, -2.0935

Details

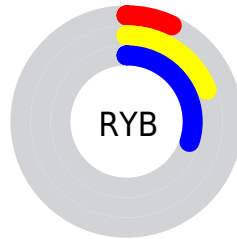
The YIQ color **58.9570, -33.9720, -12.0840** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **36.0430, 33.9720, 12.0840**, and the grayscale version is **59.0000, 0.0000, -0.0000**.

A 20% lighter version of the original color is **109.1530, -31.5880, -11.2360**, and **22.4320, -19.0720, -6.7840** is the 20% darker color. If you saturate the color by 10%, you get **56.5650, -38.7400, -13.7800**, and if you desaturate by 10%, it is **61.3490, -29.2040, -10.3880**.

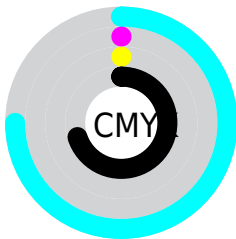
Distribution



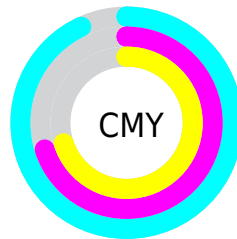
- Red (7%)
- Green (30%)
- Blue (30%)



- Red (7%)
- Yellow (19%)
- Blue (30%)



- Cyan (75%)
- Magenta (0%)
- Yellow (0%)
- Black (70%)



- Cyan (93%)
- Magenta (70%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 58.9570, -33.9720, -12.0840 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 58.9570, -33.9720, -12.0840 by changing the saturation by 10% instead.

■ 58.9570, -33.9720,
-12.0840

■ 58.9570, -33.9720,
-12.0840

■ 255.0000, -0.0000,
-0.0000

■ 37.1530, -31.5880,
-11.2360

■ 109.1530,
-31.5880, -11.2360

■ 22.4320, -19.0720,
-6.7840

■ 135.1530,
-31.5880, -11.2360

■ 1.0260, -2.8890,
2.7990

■ 161.7400,
-31.8630, -11.7590

■ 0.0000, 0.0000,
0.0000

■ 189.4410,
-32.4590, -11.9710

■ 217.1420,
-33.0550, -12.1830

■ 240.3490,

-29.2040, -10.3880

■ 249.0200,
-11.9200, -4.2400

■ 58.9570, -33.9720,
-12.0840

■ 58.9570, -33.9720,
-12.0840

■ 56.5650, -38.7400,
-13.7800

■ 61.3490, -29.2040,
-10.3880

■ 54.4720, -42.9120,
-15.2640

■ 63.4420, -25.0320,
-8.9040

■ 53.2760, -45.2960,
-16.1120

■ 65.8340, -20.2640,
-7.2080

■ 67.9270, -16.0920,
-5.7240

■ 70.3190, -11.3240,
-4.0280

■ 72.7110, -6.5560,
-2.3320

■ 74.8040, -2.3840,
-0.8480

■ 77.1960, 2.3840,
0.8480

■ 79.2890, 6.5560,
2.3320

Harmonies

Analogous

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



62.3300, -19.0250, -13.1450



58.9570, -33.9720, -12.0840



59.2540, -39.0620, -7.9420

Triad

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



58.9570, -33.9720, -12.0840



70.3460, 2.3820, 11.9020



67.9450, 19.0280, -3.4360

Complementary

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



58.9570, -33.9720, -12.0840



36.0430, 33.9720, 12.0840

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.



68.4990, 23.5200, 3.2640



58.9570, -33.9720, -12.0840



70.1040, 14.8070, 12.4950

Square

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



58.9570, -33.9720, -12.0840



68.5120, -12.8850, 7.7470



70.0030, 22.2810, 9.2010



66.6940, 9.3090, -9.0190

Rectangle

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



58.9570, -33.9720, -12.0840



62.5370, -32.3690, -2.5850



70.0030, 22.2810, 9.2010



68.3690, 20.7700, -1.9660

Sweetspot

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



58.9570, -33.9720, -12.0840



92.4220, -13.1120, -4.6640



52.7580, -15.0790, -29.5990



46.8140, -8.3440, -2.9680



179.0000, -0.0000, -0.0000



51.0000, -0.0000, -0.0000

Same Dimension

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



58.9570, -33.9720, -12.0840



72.3890, -53.0440, -18.8680



42.5210, -26.2720, 2.5600



36.8040, -2.3840, -0.8480



71.5020, -60.7920, -21.6240



161.1160, -136.7590, -49.0710

Inverse Universe

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



36.0430, 33.9720, 12.0840



36.6110, 53.0440, 18.8680



52.4790, 26.2720, -2.5600



35.1960, 2.3840, 0.8480



30.4980, 60.7920, 21.6240



68.7700, 137.0800, 48.7600

Previews

White Background



This preview shows how the YIQ color 58.9570, -33.9720, -12.0840 looks on a white background.

Color Contrast Check

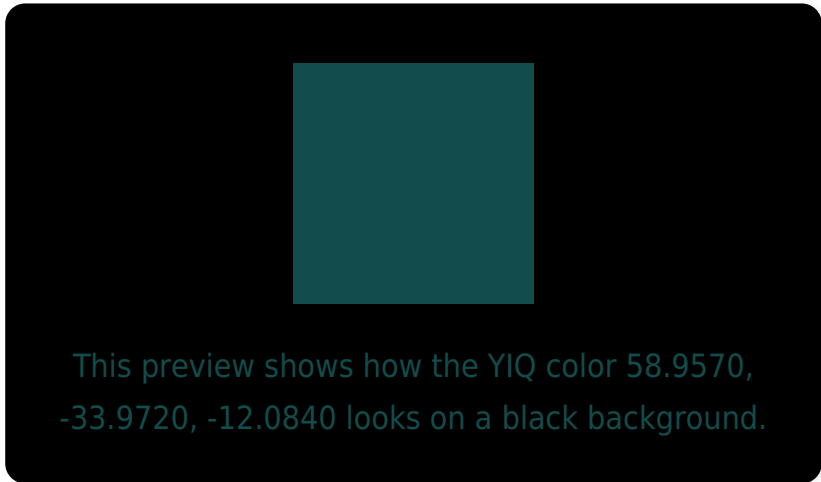
Large Text (above 18pt) WCAG AA ✓ Pass

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

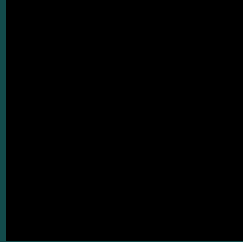
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 58.9570, -33.9720, -12.0840

Background



This preview shows how black text looks on a background with the YIQ color 58.9570, -33.9720, -12.0840.



This preview shows how white text looks on a background with the YIQ color 58.9570, -33.9720,

-12.0840.

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

58.9570, -33.9720, -12.0840

Protanopia

68.6410, -0.3670, 1.1450

Deuteranopia

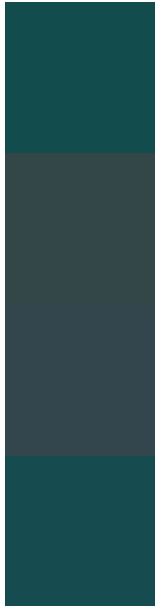
69.1510, -1.7430, 4.0570



Tritanopia

60.1360, -32.9180, -9.1580

Trichromacy



Original Color

58.9570, -33.9720, -12.0840

Protanomaly

65.2480, -12.5620, -3.6180

Deuteranomaly

65.1170, -13.5710, -1.8510

Tritanomaly

59.6090, -32.8720, -9.9920

Monochromacy



Original Color

58.9570, -33.9720, -12.0840

Achromatopsia

59.0000, 0.0000, -0.0000

Achromatomaly

58.7210, -12.5160, -4.4520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 58.9570, -33.9720, -12.0840 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(19, 76, 76)` looks like.

```
.text, #text, p{  
    color:rgb(19, 76, 76)  
}
```

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(19, 76, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 76, 76) }
```

Border

The CSS property to change the border of an element to YIQ 58.9570, -33.9720, -12.0840 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(19, 76, 76) }
```


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

```
.border{ border-color:rgb(19, 76, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 76, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 76, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 76, 76);  
box-shadow:4px 4px 4px 4px rgb(19, 76, 76)  
}
```

Background

The CSS property to change the background color of an element to YIQ 58.9570, -33.9720, -12.0840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 76, 76) }
```

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

```
.background{ background-color: rgb(19, 76,  
76) }
```

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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