

Converting Colors

YIQ(56.9720, -21.1330,
-18.9970)

Have a look what the booklet for
YIQ(56.9720, -21.1330, -18.9970)
contains.

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Color

**YIQ(56.9720, -21.1330,
-18.9970)**

Conversions

Conversions Part 1

Format	Color
Hex	194B30
RGB	25, 75, 48
RGB Percent	10%, 29%, 19%
CMY	0.9021, 0.7058, 0.8118
CMYK	0.67, 0.00, 0.36, 0.71
HSL	148°, 50%, 20%
HSV	148°, 67%, 29%
XYZ	3.4507, 5.4545, 3.6655
YIQ	56.9720, -21.1330, -18.9970

Conversions

Conversions Part 2

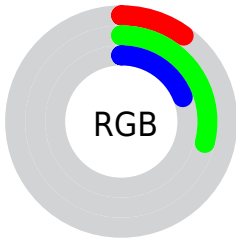
Format	Color
R_{YB}	25, 59, 75
Decimal	1657648
CIE _{Lab}	27.99, -24.06, 11.27
CIE _{LCh}	28, 26.569, 154.901
Yxy	5.4545, 0.2745, 0.4339
Android (android.graphics.Color)	4279847728 (0xFF194B30)
YUV	56.9720, -4.4232, -28.0394
Hunter-Lab	23.3549, -14.4974, 7.0429

Details

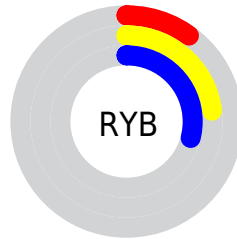
The YIQ color **56.9720, -21.1330, -18.9970** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **43.0280, 21.1330, 18.9970**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **105.6300, -20.1700, -19.9300**, and **18.8980, -9.1210, -16.4250** is the 20% darker color. If you saturate the color by 10%, you get **54.1240, -24.6170, -21.9370**, and if you desaturate by 10%, it is **59.5210, -18.2450, -16.2690**.

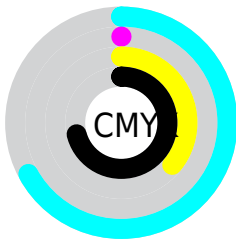
Distribution



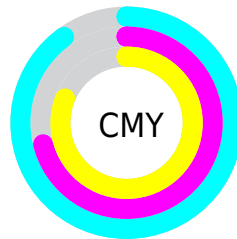
- Red (10%)
- Green (29%)
- Blue (19%)



- Red (10%)
- Yellow (23%)
- Blue (29%)



- Cyan (67%)
- Magenta (0%)
- Yellow (36%)
- Black (71%)



- Cyan (90%)
- Magenta (71%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.9720, -21.1330, -18.9970 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 56.9720, -21.1330, -18.9970 by changing the saturation by 10% instead.

■ 56.9720, -21.1330,
-18.9970

■ 56.9720, -21.1330,
-18.9970

■ 255.0000, -0.0000,
-0.0000

■ 33.6020, -22.9670,
-18.7990

■ 105.6300,
-20.1700, -19.9300

■ 18.8980, -9.1210,
-16.4250

■ 131.2170,
-20.4450, -20.4530

■ 0.0000, 0.0000,
0.0000

■ 157.8040,
-20.7200, -20.9760

■ 185.2770,
-20.6740, -21.8100

■ 212.8640,
-20.9490, -22.3330

■ 237.4560,

-19.6200, -18.8840

249.3190,
-11.3240, -4.0280

56.9720, -21.1330,
-18.9970

56.9720, -21.1330,
-18.9970

54.1240, -24.6170,
-21.9370

59.5210, -18.2450,
-16.2690

51.5750, -27.5050,
-24.6650

62.3690, -14.7610,
-13.3290

48.7270, -30.9890,
-27.6050

64.9180, -11.8730,
-10.6010

47.9010, -31.5390,
-28.6510

67.7660, -8.3890,
-7.6610

70.3150, -5.5010,
-4.9330

■ 73.1630, -2.0170,
-1.9930

■ 75.7120, 0.8710,
0.7350

■ 78.5600, 4.3550,
3.6750

■ 81.1090, 7.2430,
6.4030

Harmonies

Analogous

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



61.6450, 1.8370, -16.7790



56.9720, -21.1330, -18.9970



52.4780, -43.0490, -18.2890

Triad

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



56.9720, -21.1330, -18.9970



62.2910, -31.3160, 5.8680



66.0380, 32.3680, 8.1120

Complementary

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



56.9720, -21.1330, -18.9970



43.0280, 21.1330, 18.9970

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.



67.0410, 28.2860, 16.0140



56.9720, -21.1330, -18.9970



67.5610, -5.4130, 15.5070

Square

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



56.9720, -21.1330, -18.9970



54.5930, -53.1380, -6.1460



68.2060, 14.7600, 18.8560



65.4470, 29.2980, -2.3340

Rectangle

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



56.9720, -21.1330, -18.9970



54.0740, -47.5430, -13.9350



68.2060, 14.7600, 18.8560



66.1460, 32.1840, 11.4480

Sweetspot

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



56.9720, -21.1330, -18.9970



90.0650, -7.7930, -7.4490



62.4230, 2.3420, -20.4260



44.0270, -4.6300, -4.1980



176.0000, -0.0000, -0.0000



48.0000, -0.0000, 0.0000

Same Dimension

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



56.9720, -21.1330, -18.9970



68.8900, -33.0060, -29.5980



59.8220, -29.1580, -11.2220



36.5760, -1.7420, -1.4700



65.2320, -43.1370, -38.7290



147.0940, -97.2760, -87.3240

Inverse Universe

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



43.0280, 21.1330, 18.9970



47.1100, 33.0060, 29.5980



40.1780, 29.1580, 11.2220



35.4240, 1.7420, 1.4700



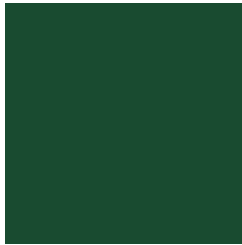
36.7680, 43.1370, 38.7290



82.9060, 97.2760, 87.3240

Previews

White Background



This preview shows how the YIQ color 56.9720, -21.1330, -18.9970 looks on a white background.

Color Contrast Check

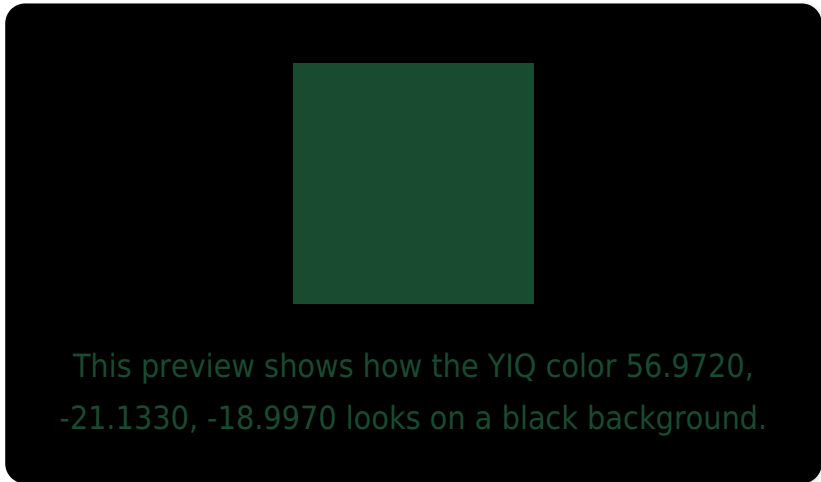
Large Text (above 18pt) WCAG AA ✓ Pass

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

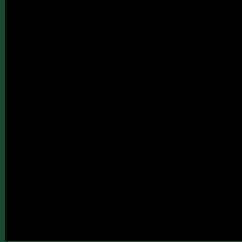
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.9720, -21.1330, -18.9970

Background



This preview shows how black text looks on a background with the YIQ color 56.9720, -21.1330, -18.9970.



This preview shows how white text looks on a background with the YIQ color 56.9720, -21.1330,

-18.9970.

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

56.9720, -21.1330, -18.9970

Protanopia

64.9870, 10.0420, -5.7820

Deuteranopia

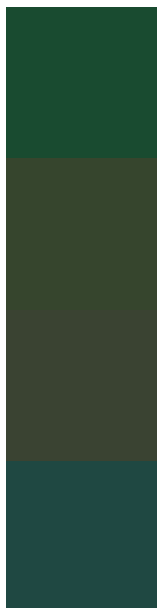
65.8180, 12.1960, -0.7640



Tritanopia

60.9200, -23.3820, -5.7660

Trichromacy



Original Color

56.9720, -21.1330, -18.9970

Protanomaly

61.7790, -1.2360, -10.6440

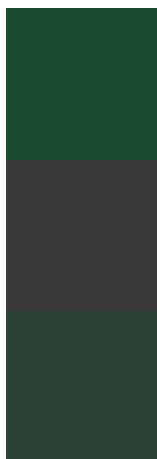
Deuteranomaly

62.3710, 0.0930, -7.1950

Tritanomaly

59.0570, -22.5100, -10.5580

Monochromacy



Original Color

56.9720, -21.1330, -18.9970

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.1790, -8.1140, -7.1380

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.9720, -21.1330, -18.9970 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(25, 75, 48)` looks like.

```
.text, #text, p{  
    color:rgb(25, 75, 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(25, 75, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 75, 48) }
```

Border

The CSS property to change the border of an element to YIQ 56.9720, -21.1330, -18.9970 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(25, 75, 48) }
```


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

```
.border{ border-color:rgb(25, 75, 48) }
```

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

Here you see how a box with a 4 pixel `rgb(25, 75, 48)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 75, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 75, 48);  
box-shadow:4px 4px 4px 4px rgb(25, 75, 48)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.9720, -21.1330, -18.9970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 75, 48) }
```

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

```
.background{ background-color: rgb(25, 75,  
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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