

Converting Colors

YIQ(56.5770, -21.8190,
-28.5950)

Have a look what the booklet for
YIQ(56.5770, -21.8190, -28.5950)
contains.

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Color

**YIQ(56.5770, -21.8190,
-28.5950)**

Conversions

Conversions Part 1

Format	Color
Hex	125120
RGB	18, 81, 32
RGB Percent	7%, 32%, 13%
CMY	0.9296, 0.6822, 0.8746
CMYK	0.78, 0.00, 0.61, 0.68
HSL	133°, 64%, 19%
HSV	133°, 78%, 32%
XYZ	3.4535, 6.1211, 2.3651
YIQ	56.5770, -21.8190, -28.5950

Conversions

Conversions Part 2

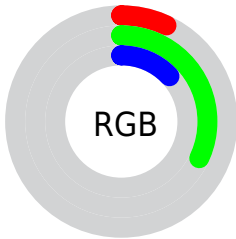
Format	Color
RYB	18, 70, 81
Decimal	1200416
CIELab	29.72, -31.45, 23.02
CIELCh	30, 38.969, 143.796
Yxy	6.1211, 0.2892, 0.5127
Android (android.graphics.Color)	4279390496 (0xFF125120)
YUV	56.5770, -12.1165, -33.8320
Hunter-Lab	24.7410, -18.3803, 11.6509

Details

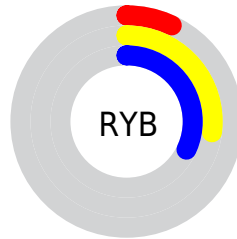
The YIQ color **56.5770, -21.8190, -28.5950** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **42.4230, 21.8190, 28.5950**, and the grayscale version is **57.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **107.3170, -18.1510, -28.9910**, and **21.1320, -9.9000, -18.8280** is the 20% darker color. If you saturate the color by 10%, you get **53.5010, -24.6610, -32.1570**, and if you desaturate by 10%, it is **59.6530, -18.9770, -25.0330**.

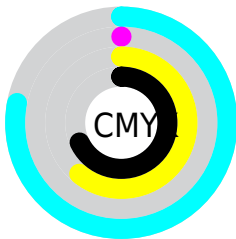
Distribution



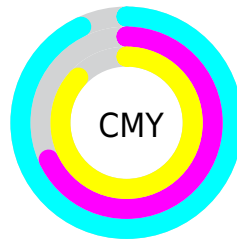
- Red (7%)
- Green (32%)
- Blue (13%)



- Red (7%)
- Yellow (27%)
- Blue (32%)



- Cyan (78%)
- Magenta (0%)
- Yellow (61%)
- Black (68%)



- Cyan (93%)
- Magenta (68%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 56.5770, -21.8190, -28.5950 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 56.5770, -21.8190, -28.5950 by changing the saturation by 10% instead.

■ 56.5770, -21.8190,
-28.5950

■ 56.5770, -21.8190,
-28.5950

■ 255.0000, -0.0000,
-0.0000

■ 34.5990, -18.8850,
-26.7010

■ 107.3170,
-18.1510, -28.9910

■ 21.1320, -9.9000,
-18.8280

■ 133.3770,
-18.3800, -30.3480

■ 0.0000, 0.0000,
0.0000

■ 159.8500,
-18.3340, -31.1820

■ 187.4370,
-18.6090, -31.7050

■ 215.2090,
-17.9670, -32.3270

■ 234.9910,

-14.1170, -25.0050

■ 246.8540, -5.8210,
-10.1490

■ 56.5770, -21.8190,
-28.5950

■ 56.5770, -21.8190,
-28.5950

■ 53.5010, -24.6610,
-32.1570

■ 59.6530, -18.9770,
-25.0330

■ 50.3110, -27.1820,
-36.0300

■ 62.8430, -16.4560,
-21.1600

■ 49.5990, -28.0530,
-36.7650

■ 65.9190, -13.6140,
-17.5980

■ 68.9950, -10.7720,
-14.0360

■ 72.0710, -7.9300,
-10.4740

■ 75.5600, -4.8130,
-6.3890

■ 78.6360, -1.9710,
-2.8270

■ 81.7120, 0.8710,
0.7350

■ 84.9020, 3.3920,
4.6080

Harmonies

Analogous

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



63.4210, 13.8510, -25.2610



56.5770, -21.8190, -28.5950



56.4900, -43.3230, -24.3390

Triad

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



56.5770, -21.8190, -28.5950



58.8450, -62.3550, 1.2050



66.9030, 46.3500, 19.0380

Complementary

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



56.5770, -21.8190, -28.5950



42.4230, 21.8190, 28.5950

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.



68.5510, 36.0780, 28.9900



56.5770, -21.8190, -28.5950



69.5620, -24.3490, 17.2750

Square

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



56.5770, -21.8190, -28.5950



61.5860, -60.4280, -6.1880



71.9210, 11.5490, 27.4930



67.5800, 45.1610, 2.0330

Rectangle

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



56.5770, -21.8190, -28.5950



58.8840, -50.0640, -17.8080



71.9210, 11.5490, 27.4930



67.0540, 44.6070, 23.0950

Sweetspot

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



56.5770, -21.8190, -28.5950



95.6580, -8.2050, -10.9970



69.6320, 11.8790, -22.5610



48.1470, -5.0880, -6.9120



181.0000, -0.0000, 0.0000



54.0000, -0.0000, 0.0000

Same Dimension

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



56.5770, -21.8190, -28.5950



67.0340, -34.0120, -44.4120



60.1110, -31.7700, -18.9540



39.4620, -1.4210, -1.7810



64.2570, -36.2580, -47.7620



142.1120, -80.4920, -105.1640

Inverse Universe

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



42.4230, 21.8190, 28.5950



44.9660, 34.0120, 44.4120



38.8890, 31.7700, 18.9540



38.5380, 1.4210, 1.7810



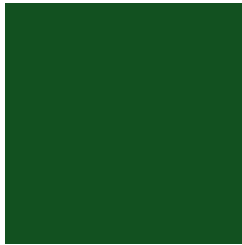
40.6290, 36.5790, 47.4510



89.8880, 80.4920, 105.1640

Previews

White Background



This preview shows how the YIQ color 56.5770, -21.8190, -28.5950 looks on a white background.

Color Contrast Check

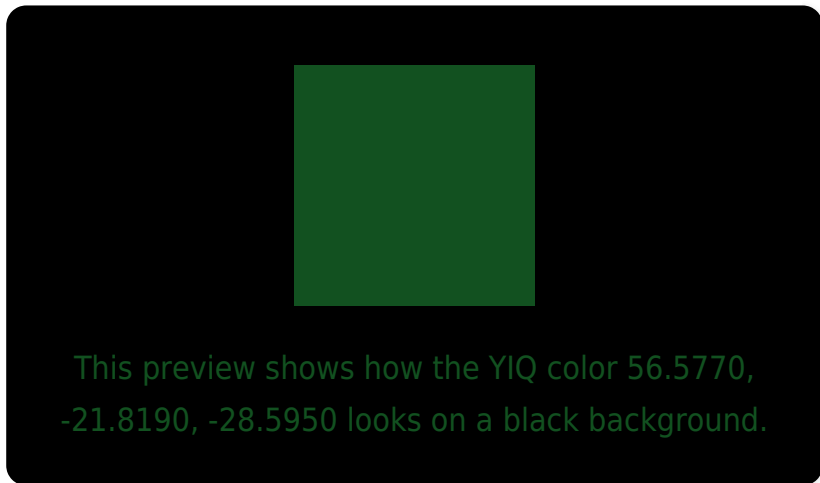
Large Text (above 18pt) WCAG AA ✓ Pass

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

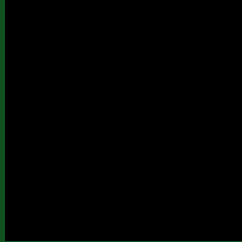
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 56.5770, -21.8190, -28.5950

Background



This preview shows how black text looks on a background with the YIQ color 56.5770, -21.8190, -28.5950.



This preview shows how white text looks on a background with the YIQ color 56.5770, -21.8190,

-28.5950.

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

56.5770, -21.8190, -28.5950

Protanopia

67.7180, 17.9290, -11.0550

Deuteranopia

69.1470, 21.2750, -5.6130



Tritanopia

64.7240, -25.7660, -6.6140

Trichromacy



Original Color

56.5770, -21.8190, -28.5950

Protanomaly

63.6020, 3.3960, -17.5000

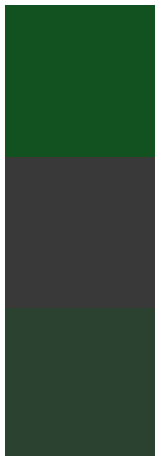
Deuteranomaly

64.4930, 5.3210, -13.8390

Tritanomaly

61.7530, -24.7100, -14.7420

Monochromacy



Original Color

56.5770, -21.8190, -28.5950

Achromatopsia

57.0000, 0.0000, 0.0000

Achromatomaly

57.0710, -7.9300, -10.4740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 56.5770, -21.8190, -28.5950 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(18, 81, 32)` looks like.

```
.text, #text, p{  
    color:rgb(18, 81, 32)  
}
```

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(18, 81, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 81, 32) }
```

Border

The CSS property to change the border of an element to YIQ 56.5770, -21.8190, -28.5950 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(18, 81, 32) }
```


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

```
.border{ border-color:rgb(18, 81, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 81, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 81, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 81, 32);  
box-shadow:4px 4px 4px 4px rgb(18, 81, 32)  
}
```

Background

The CSS property to change the background color of an element to YIQ 56.5770, -21.8190, -28.5950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 81, 32) }
```

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

```
.background{ background-color: rgb(18, 81,  
32) }
```

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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