

Converting Colors

YIQ(21.5850, 11.2340, -5.3580)

Have a look what the booklet for
YIQ(21.5850, 11.2340, -5.3580)
contains.

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Color

**YIQ(21.5850, 11.2340,
-5.3580)**

Conversions

Conversions Part 1

Format	Color
Hex	1D1600
RGB	29, 22, 0
RGB Percent	11%, 9%, 0%
CMY	0.8863, 0.9137, 0.9999
CMYK	0.00, 0.24, 1.00, 0.89
HSL	46°, 100%, 6%
HSV	46°, 100%, 11%
XYZ	0.7937, 0.8350, 0.1198
YIQ	21.5850, 11.2340, -5.3580

Conversions

Conversions Part 2

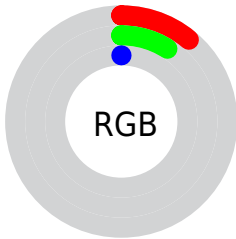
Format	Color
R_{YB}	9, 29, 0
Decimal	1906176
CIE Lab	7.54, 0.00, 11.29
CIE LCh	8, 11.290, 89.990
Yxy	0.8350, 0.4539, 0.4776
Android (android.graphics.Color)	4280096256 (0xFF1D1600)
YUV	21.5850, -10.6414, 6.5030
Hunter-Lab	9.1376, -0.4871, 5.6191

Details

The YIQ color **21.5850, 11.2340, -5.3580** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **7.4150, -11.2340, 5.3580**, and the grayscale version is **22.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **64.5680, 9.9040, -3.2800**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **21.5850, 11.2340, -5.3580**, and if you desaturate by 10%, it is **22.5140, 9.9960, -4.9480**.

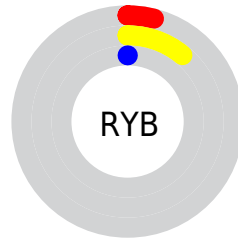
Distribution



Red (11%)

Green (9%)

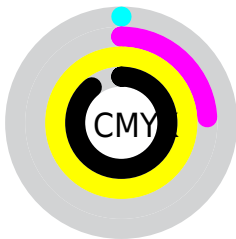
Blue (0%)



Red (4%)

Yellow (11%)

Blue (0%)

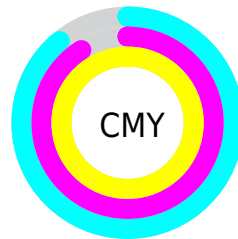


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (89%)



Cyan (89%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 21.5850, 11.2340, -5.3580 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 21.5850, 11.2340, -5.3580 by changing the saturation by 10% instead.

■ 21.5850, 11.2340,
-5.3580

■ 21.5850, 11.2340,
-5.3580

■ 246.9980, 11.5090,
-4.8350

■ 0.0000, 0.0000,
0.0000

■ 64.5680, 9.9040,
-3.2800

■ 88.0410, 9.9500,
-4.1140

■ 112.3400, 10.5460,
-3.9020

■ 137.6390, 11.1420,
-3.6900

■ 164.4110, 11.7840,
-4.3120

■ 191.4110, 11.7840,

-4.3120

■ 219.5960, 12.7010,
-4.4110

■ 21.5850, 11.2340,
-5.3580

■ 22.5140, 9.9960,
-4.9480

■ 22.8560, 9.0330,
-4.0150

■ 23.7850, 7.7950,
-3.6050

■ 24.7140, 6.5570,
-3.1950

■ 25.6430, 5.3190,
-2.7850

■ 25.8710, 4.6770,
-2.1630

■ 26.8000, 3.4390,
-1.7530

■ 27.7290, 2.2010,
-1.3430

■ 28.0710, 1.2380,
-0.4100

Harmonies

Analogous

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



21.7750, 13.7550, -1.4850



21.5850, 11.2340, -5.3580



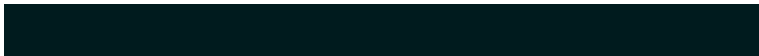
20.7090, 4.9530, -7.1670

Triad

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



21.5850, 11.2340, -5.3580



19.2690, -17.0550, -4.7910



23.5540, 4.4920, 6.7000

Complementary

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



21.5850, 11.2340, -5.3580



7.4150, -11.2340, 5.3580

Split Complementary

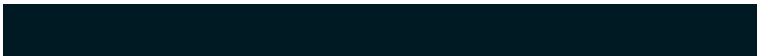
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



23.1940, -3.3020, 4.7780



21.5850, 11.2340, -5.3580



19.2520, -18.3850, -2.7130

Square

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



21.5850, 11.2340, -5.3580



18.3570, -14.4870, -7.2790



21.0080, -11.6460, 1.8100



23.3650, 9.3980, 5.8940

Rectangle

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



21.5850, 11.2340, -5.3580



20.1750, -2.2910, -8.0430



21.0080, -11.6460, 1.8100



23.7710, 2.3830, 6.3750

Sweetspot

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



21.5850, 11.2340, -5.3580



34.9850, 4.3560, -1.8520



9.4690, 15.0370, 8.3250



18.6150, 2.5220, -1.6540



148.0000, -0.0000, 0.0000



20.0000, 0.0000, -0.0000

Same Dimension

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



21.5850, 11.2340, -5.3580



28.3850, 14.6730, -7.1110



23.6010, 5.1370, -10.5030



14.8860, 0.3210, -0.3110



58.8410, 30.5840, -14.6320



154.0520, 80.1970, -38.2270

Inverse Universe

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



7.4150, -11.2340, 5.3580



9.6150, -14.6730, 7.1110



5.3990, -5.1370, 10.5030



14.1140, -0.3210, 0.3110



20.1590, -30.5840, 14.6320



52.9480, -80.1970, 38.2270

Previews

White Background



This preview shows how the YIQ color 21.5850, 11.2340, -5.3580 looks on a white background.

Color Contrast Check

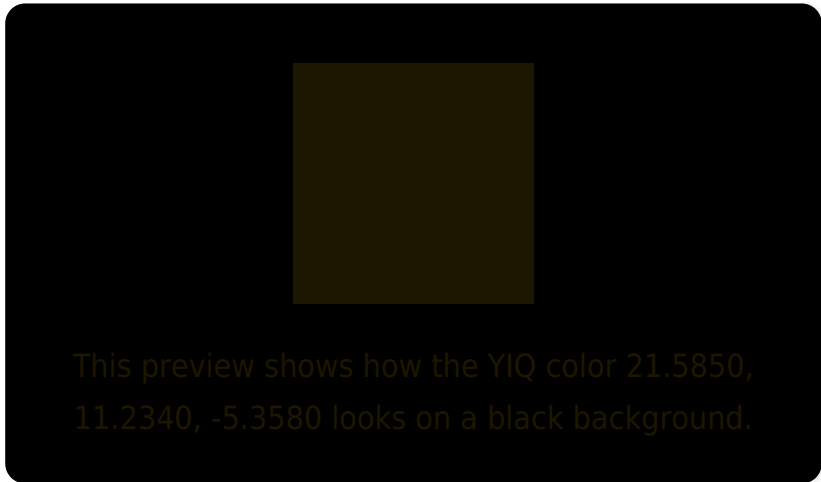
Large Text (above 18pt) WCAG AA ✓ Pass

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

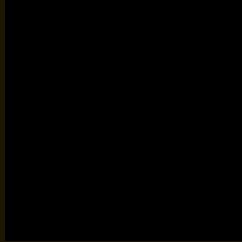
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 21.5850, 11.2340, -5.3580

Background



This preview shows how black text looks on a background with the YIQ color 21.5850, 11.2340, -5.3580.



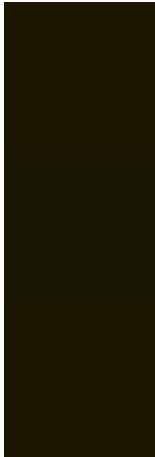
This preview shows how white text looks on a background with the YIQ color 21.5850, 11.2340,

-5.3580.

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

21.5850, 11.2340, -5.3580

Protanopia

21.5030, 8.5290, -5.8950

Deuteranopia

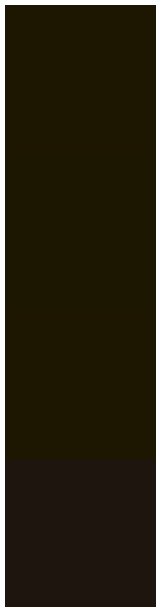
21.6990, 10.9130, -5.0470



Tritanopia

23.2180, 5.3180, 2.7420

Trichromacy



Original Color

21.5850, 11.2340, -5.3580

Protanomaly

21.6880, 9.4460, -5.9940

Deuteranomaly

21.6990, 10.9130, -5.0470

Tritanomaly

22.8930, 7.6110, -0.2690

Monochromacy



Original Color

21.5850, 11.2340, -5.3580

Achromatopsia

22.0000, -0.0000, -0.0000

Achromatomaly

21.9850, 4.3560, -1.8520

CSS Examples

Text

The CSS property to change the color of the text to YIQ 21.5850, 11.2340, -5.3580 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(29, 22, 0)` looks like.

```
.text, #text, p{  
    color:rgb(29, 22, 0)  
}
```

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(29, 22, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 22, 0) }
```

Border

The CSS property to change the border of an element to YIQ 21.5850, 11.2340, -5.3580 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(29, 22, 0) }
```


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

```
.border{ border-color:rgb(29, 22, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 22, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 22, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(29, 22, 0); box-shadow:4px  
4px 4px 4px rgb(29, 22, 0) }
```

Background

The CSS property to change the background color of an element to YIQ 21.5850, 11.2340, -5.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 22, 0) }
```

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

```
.background{ background-color: rgb(29, 22,  
0) }
```

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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