

Converting Colors

YIQ(13.3180, -9.5830, 2.9690)

Have a look what the booklet for
YIQ(13.3180, -9.5830, 2.9690)
contains.

| | |
|--|----|
| YIQ(13.3180, -9.5830, 2.9690) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**YIQ(13.3180, -9.5830,
2.9690)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|--------------------------|
| Hex | 060E1D |
| RGB | 6, 14, 29 |
| RGB Percent | 2%, 5%, 11% |
| CMY | 0.9765, 0.9451, 0.8863 |
| CMYK | 0.79, 0.52, 0.00, 0.89 |
| HSL | 219°, 66%, 7% |
| HSV | 219°, 79%, 11% |
| XYZ | 0.4538, 0.4415, 1.2229 |
| YIQ | 13.3180, -9.5830, 2.9690 |

Conversions

Conversions Part 2

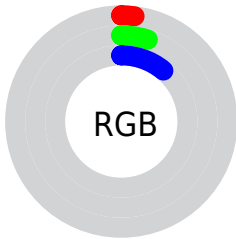
| Format | Color |
|-------------------------------------|--|
| RYB | 6, 12, 29 |
| Decimal | 396829 |
| CIELab | 3.99, 1.40, -10.33 |
| CIELCh | 4, 10.421, 277.709 |
| Yxy | 0.4415, 0.2142, 0.2084 |
| Android (android.graphics.Color) | 4278586909 (0xFF060E1D) |
| YUV | 13.3180, 7.7312, -6.4179 |
| Hunter-Lab | 6.6447, 0.5618, -6.2604 |

Details

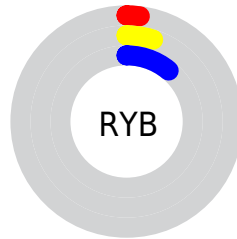
The YIQ color **13.3180, -9.5830, 2.9690** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **21.6820, 9.5830, -2.9690**, and the grayscale version is **13.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **56.6170, -8.9870, 3.1810**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **11.2470, -10.8210, 3.3790**, and if you desaturate by 10%, it is **15.3890, -8.3450, 2.5590**.

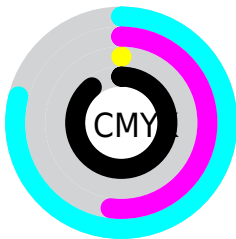
Distribution



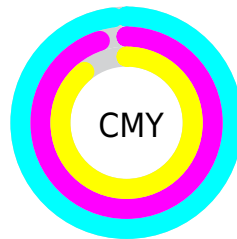
- Red (2%)
- Green (5%)
- Blue (11%)



- Red (2%)
- Yellow (5%)
- Blue (11%)



- Cyan (79%)
- Magenta (52%)
- Yellow (0%)
- Black (89%)



- Cyan (98%)
- Magenta (95%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 13.3180, -9.5830, 2.9690 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 13.3180, -9.5830, 2.9690 by changing the saturation by 10% instead.

■ 13.3180, -9.5830,
2.9690

■ 13.3180, -9.5830,
2.9690

■ 237.8450, -9.6290,
3.8030

■ 0.0000, 0.0000,
0.0000

■ 56.6170, -8.9870,
3.1810

■ 79.7310, -9.3080,
3.4920

■ 103.8450, -9.6290,
3.8030

■ 128.9590, -9.9500,
4.1140

■ 154.9590, -9.9500,
4.1140

■ 182.0730,

-10.2710, 4.4250

■ 209.1870,
-10.5920, 4.7360

■ 13.3180, -9.5830,
2.9690

■ 13.3180, -9.5830,
2.9690

■ 11.2470, -10.8210,
3.3790

■ 15.3890, -8.3450,
2.5590

■ 9.1760, -12.0590,
3.7890

■ 17.4600, -7.1070,
2.1490

■ 19.5310, -5.8690,
1.7390

■ 21.6020, -4.6310,
1.3290

■ 22.7870, -3.7140,
1.2300

■ 24.8580, -2.4760,
0.8200

■ 26.9290, -1.2380,
0.4100

■ 29.0000, -0.0000,
0.0000

■ 31.0710, 1.2380,
-0.4100

Harmonies

Analogous

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



13.1710, -13.6630, -0.1830



13.3180, -9.5830, 2.9690



14.5150, 0.2280, 6.8840

Triad

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



13.3180, -9.5830, 2.9690



13.6660, 15.6800, 2.1760



11.6090, -6.5090, -8.6930

Complementary

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



13.3180, -9.5830, 2.9690



21.6820, 9.5830, -2.9690

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.



11.7730, -1.0990, -7.6190



13.3180, -9.5830, 2.9690



13.9320, 11.8750, -0.4530

Square

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



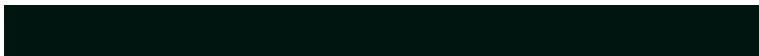
13.3180, -9.5830, 2.9690



13.8600, 12.3780, 6.9540



13.3010, 6.2820, -3.7180



13.5640, -10.6360, -5.4840

Rectangle

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



13.3180, -9.5830, 2.9690



14.7930, 5.3170, 8.2690



13.3010, 6.2820, -3.7180



11.2670, -5.5460, -9.6260

Sweetspot

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



13.3180, -9.5830, 2.9690



31.7870, -3.7140, 1.2300



21.2110, -11.1400, -7.3640



16.4450, -2.7510, 0.2970



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.



13.3180, -9.5830, 2.9690



13.7350, -15.1310, 4.3970



9.5190, -5.5950, 7.7890



14.1140, -0.3210, 0.3110



25.4420, -33.0590, 9.9250



65.8620, -86.2470, 26.7210

Inverse Universe

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



13.7890, 11.1400, 7.3640



14.2460, 17.2830, 11.6750



25.4810, 5.5950, -7.7890



14.2990, 0.5960, 0.2120



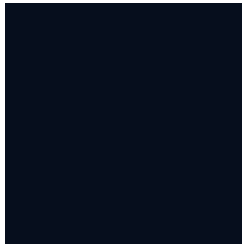
26.8130, 38.0960, 25.4560



70.1010, 100.2600, 66.2760

Previews

White Background



This preview shows how the YIQ color 13.3180, -9.5830, 2.9690 looks on a white background.

Color Contrast Check

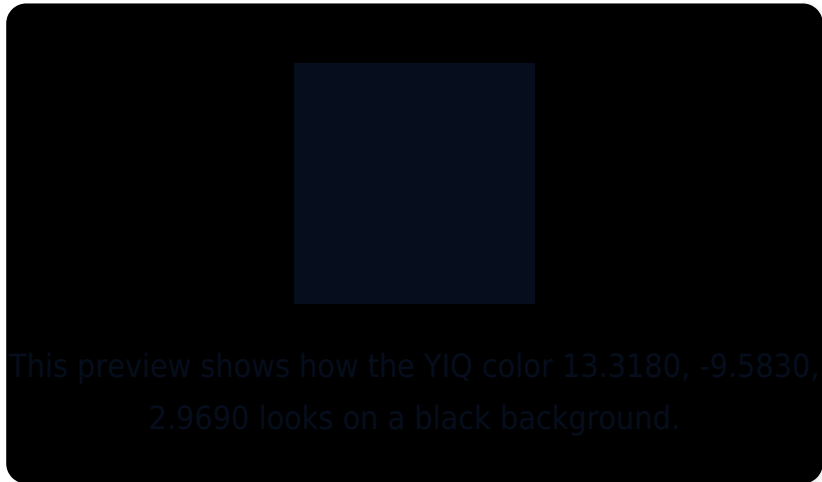
Large Text (above 18pt) WCAG AA ✓ Pass

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

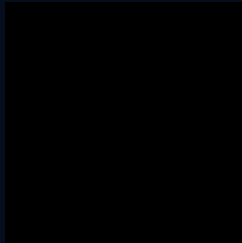
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

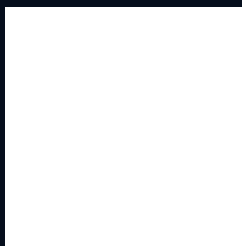
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 13.3180, -9.5830, 2.9690

Background



This preview shows how black text looks on a background with the YIQ color 13.3180, -9.5830, 2.9690.



This preview shows how white text looks on a background with the YIQ color 13.3180, -9.5830,

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

13.3180, -9.5830, 2.9690

Protanopia

13.0190, -10.1790, 2.7570

Deuteranopia

11.7690, -12.4710, 0.2410



Tritanopia

11.3300, -9.8570, -3.0810

Trichromacy



Original Color

13.3180, -9.5830, 2.9690

Protanomaly

13.0190, -10.1790, 2.7570

Deuteranomaly

12.4810, -11.6000, 0.9760

Tritanomaly

11.7970, -9.6740, -0.8900

Monochromacy



Original Color

13.3180, -9.5830, 2.9690

Achromatopsia

13.0000, -0.0000, -0.0000

Achromatomaly

12.7870, -3.7140, 1.2300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 13.3180, -9.5830, 2.9690 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(6, 14, 29)` looks like.

```
.text, #text, p{  
    color:rgb(6, 14, 29)  
}
```

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(6, 14, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 14, 29) }
```

Border

The CSS property to change the border of an element to YIQ 13.3180, -9.5830, 2.9690 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(6, 14, 29) }
```


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

```
.border{ border-color:rgb(6, 14, 29) }
```

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

Here you see how a box with a 4 pixel rgb(6, 14, 29) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 14, 29); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 14, 29); box-shadow:4px  
4px 4px 4px rgb(6, 14, 29) }
```

Background

The CSS property to change the background color of an element to YIQ 13.3180, -9.5830, 2.9690 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 14, 29) }
```

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

```
.background{ background-color: rgb(6, 14,  
29) }
```

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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