

Converting Colors

YIQ(29.0190, -10.1790, 2.7570)

Have a look what the booklet for
YIQ(29.0190, -10.1790, 2.7570)
contains.

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Color

**YIQ(29.0190, -10.1790,
2.7570)**

Conversions

Conversions Part 1

Format	Color
Hex	151E2D
RGB	21, 30, 45
RGB Percent	8%, 12%, 18%
CMY	0.9177, 0.8823, 0.8236
CMYK	0.53, 0.33, 0.00, 0.82
HSL	217°, 36%, 13%
HSV	217°, 53%, 18%
XYZ	1.2470, 1.2775, 2.6621
YIQ	29.0190, -10.1790, 2.7570

Conversions

Conversions Part 2

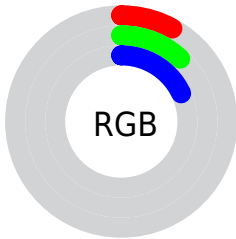
Format	Color
R_YB	21, 28, 45
Decimal	1383981
CIE _{Lab}	11.12, 1.04, -11.29
CIE _{LCh}	11, 11.342, 275.268
Yxy	1.2775, 0.2404, 0.2463
Android (android.graphics.Color)	4279574061 (0xFF151E2D)
YUV	29.0190, 7.8786, -7.0327
Hunter-Lab	11.3026, -0.0866, -6.0529

Details

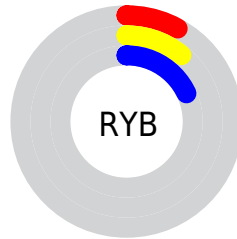
The YIQ color **29.0190, -10.1790, 2.7570** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **36.9810, 10.1790, -2.7570**, and the grayscale version is **29.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **72.6600, -10.5460, 3.9020**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.7630, -12.3340, 3.2660**, and if you desaturate by 10%, it is **31.9760, -8.6200, 2.0360**.

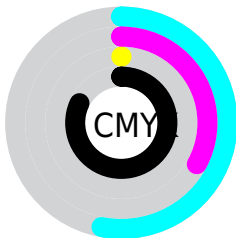
Distribution



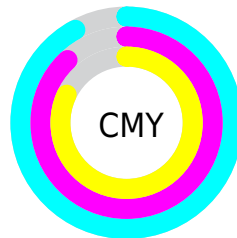
- Red (8%)
- Green (12%)
- Blue (18%)



- Red (8%)
- Yellow (11%)
- Blue (18%)



- Cyan (53%)
- Magenta (33%)
- Yellow (0%)
- Black (82%)



- Cyan (92%)
- Magenta (88%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 29.0190, -10.1790, 2.7570 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 29.0190, -10.1790, 2.7570 by changing the saturation by 10% instead.

■ 29.0190, -10.1790,
2.7570

■ 29.0190, -10.1790,
2.7570

■ 253.2060, -3.5760,
-1.2720

■ 5.1980, -9.1250,
5.6830

■ 72.6600, -10.5460,
3.9020

■ 0.0000, 0.0000,
0.0000

■ 96.6600, -10.5460,
3.9020

■ 121.4750,
-11.4630, 4.0010

■ 147.4750,
-11.4630, 4.0010

■ 173.5890,
-11.7840, 4.3120

■ 201.5890,

-11.7840, 4.3120

■ 229.7030,
-12.1050, 4.6230

■ 29.0190, -10.1790,
2.7570

■ 29.0190, -10.1790,
2.7570

■ 25.7630, -12.3340,
3.2660

■ 31.9760, -8.6200,
2.0360

■ 22.8060, -13.8930,
3.9870

■ 35.2320, -6.4650,
1.5270

■ 20.4360, -15.7270,
4.1850

■ 37.6020, -4.6310,
1.3290

■ 17.1800, -17.8820,
4.6940

■ 40.8580, -2.4760,
0.8200

■ 15.1090, -19.1200,
5.1040

■ 43.8150, -0.9170,
0.0990

■ 47.0710, 1.2380,
-0.4100

■ 50.0280, 2.7970,
-1.1310

■ 52.6970, 5.2270,
-1.1170

■ 55.6540, 6.7860,
-1.8380

Harmonies

Analogous

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



26.1920, -18.1560, -1.3560



29.0190, -10.1790, 2.7570



30.2050, -1.8350, 5.7250

Triad

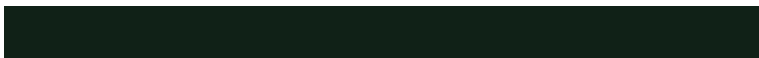
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.0190, -10.1790, 2.7570



30.2250, 12.6080, 2.7840



26.7770, -6.9220, -6.7140

Complementary

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



29.0190, -10.1790, 2.7570



36.9810, 10.1790, -2.7570

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.



28.0830, 0.9640, -6.4600



29.0190, -10.1790, 2.7570



29.5190, 11.6000, -0.9760

Square

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



29.0190, -10.1790, 2.7570



30.8490, 10.9110, 6.0070



29.2580, 7.8410, -4.4390



25.2860, -15.7250, -6.8690

Rectangle

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



29.0190, -10.1790, 2.7570



30.4830, 3.2540, 7.1100



29.2580, 7.8410, -4.4390



27.4460, -4.4920, -6.7000

Sweetspot

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



29.0190, -10.1790, 2.7570



52.4880, -4.3100, 1.0180



36.7980, -11.4150, -7.8870



26.8580, -2.4760, 0.8200



158.0000, -0.0000, 0.0000



31.0000, -0.0000, -0.0000

Same Dimension

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



29.0190, -10.1790, 2.7570



33.5500, -16.0480, 4.4960



24.6330, -5.9160, 8.1000



21.8150, -0.9170, 0.0990



29.2890, -37.0020, 9.7980



71.3560, -90.6940, 24.7140

Inverse Universe

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



29.2020, 11.4150, 7.8870



33.9580, 18.1540, 12.4100



41.3670, 5.9160, -8.1000



21.7120, 0.8710, 0.7350



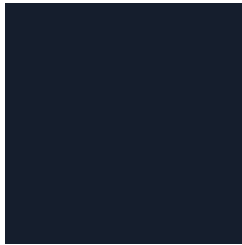
29.7750, 41.2590, 28.7070



73.1060, 101.8640, 70.2480

Previews

White Background



This preview shows how the YIQ color 29.0190, -10.1790, 2.7570 looks on a white background.

Color Contrast Check

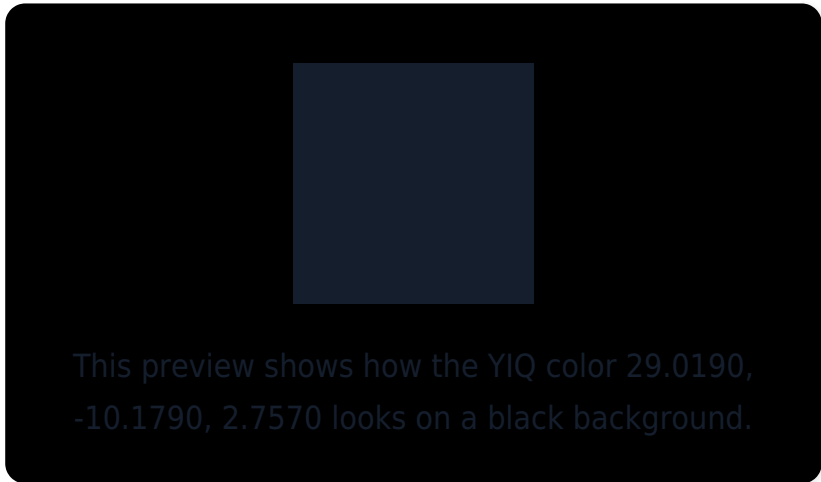
Large Text (above 18pt) WCAG AA ✓ Pass

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

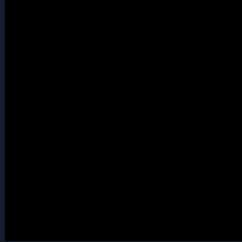
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 29.0190, -10.1790, 2.7570

Background



This preview shows how black text looks on a background with the YIQ color 29.0190, -10.1790, 2.7570.



This preview shows how white text looks on a background with the YIQ color 29.0190, -10.1790,

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

29.0190, -10.1790, 2.7570

Protanopia

29.5140, -7.1990, 3.8170

Deuteranopia

29.6170, -8.9870, 3.1810



Tritanopia

27.8570, -9.9030, -2.2470

Trichromacy



Original Color

29.0190, -10.1790, 2.7570

Protanomaly

29.2150, -7.7950, 3.6050

Deuteranomaly

29.3180, -9.5830, 2.9690

Tritanomaly

28.0250, -10.3160, -0.2680

Monochromacy



Original Color

29.0190, -10.1790, 2.7570

Achromatopsia

29.0000, -0.0000, 0.0000

Achromatomaly

28.7870, -3.7140, 1.2300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 29.0190, -10.1790, 2.7570 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(21, 30, 45)` looks like.

```
.text, #text, p{  
    color:rgb(21, 30, 45)  
}
```

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(21, 30, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 30, 45) }
```

Border

The CSS property to change the border of an element to YIQ 29.0190, -10.1790, 2.7570 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(21, 30, 45) }
```


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

```
.border{ border-color:rgb(21, 30, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 30, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 30, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 30, 45);  
box-shadow:4px 4px 4px 4px rgb(21, 30, 45)  
}
```

Background

The CSS property to change the background color of an element to YIQ 29.0190, -10.1790, 2.7570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 30, 45) }
```

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

```
.background{ background-color: rgb(21, 30,  
45) }
```

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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