

Converting Colors

YIQ(29.1400, -3.2100, 3.1100)

Have a look what the booklet for
YIQ(29.1400, -3.2100, 3.1100)
contains.

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Color

**YIQ(29.1400, -3.2100,
3.1100)**

Conversions

Conversions Part 1

Format	Color
Hex	1C1C26
RGB	28, 28, 38
RGB Percent	11%, 11%, 15%
CMY	0.8902, 0.8902, 0.8510
CMYK	0.26, 0.26, 0.00, 0.85
HSL	240°, 15%, 13%
HSV	240°, 26%, 15%
XYZ	1.2440, 1.2173, 2.0027
YIQ	29.1400, -3.2100, 3.1100

Conversions

Conversions Part 2

Format	Color
RYB	28, 28, 38
Decimal	1842214
CIELab	10.68, 2.81, -6.79
CIELCh	11, 7.345, 292.505
Yxy	1.2173, 0.2787, 0.2727
Android (android.graphics.Color)	4280032294 (0xFF1C1C26)
YUV	29.1400, 4.3680, -0.9998
Hunter-Lab	11.0332, 0.8171, -3.0387

Details

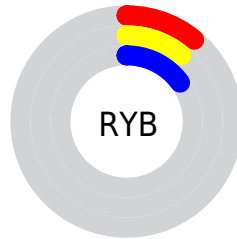
The YIQ color **29.1400, -3.2100, 3.1100** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **36.8600, 3.2100, -3.1100**, and the grayscale version is **29.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **72.6670, -3.2560, 3.9440**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **25.5960, -4.4940, 4.3540**, and if you desaturate by 10%, it is **32.6840, -1.9260, 1.8660**.

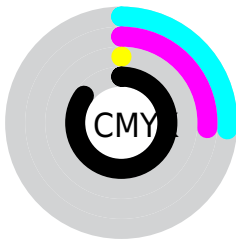
Distribution



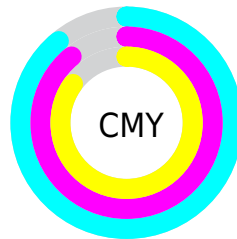
- Red (11%)
- Green (11%)
- Blue (15%)



- Red (11%)
- Yellow (11%)
- Blue (15%)



- Cyan (26%)
- Magenta (26%)
- Yellow (0%)
- Black (85%)



- Cyan (89%)
- Magenta (89%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 29.1400, -3.2100, 3.1100 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 29.1400, -3.2100, 3.1100 by changing the saturation by 10% instead.

■ 29.1400, -3.2100,
3.1100

■ 29.1400, -3.2100,
3.1100

■ 255.0000, -0.0000,
-0.0000

■ 3.1230, -4.5400,
5.1880

■ 72.6670, -3.2560,
3.9440

■ 0.0000, 0.0000,
0.0000

■ 96.3680, -3.8520,
3.7320

■ 121.3680, -3.8520,
3.7320

■ 146.7810, -3.5770,
4.2550

■ 173.4820, -4.1730,
4.0430

■ 200.8950, -3.8980,

4.5660

■ 228.8950, -3.8980,
4.5660

■ 29.1400, -3.2100,
3.1100

■ 29.1400, -3.2100,
3.1100

■ 25.5960, -4.4940,
4.3540

■ 32.6840, -1.9260,
1.8660

■ 22.0520, -5.7780,
5.5980

■ 36.2280, -0.6420,
0.6220

■ 19.3940, -6.7410,
6.5310

■ 38.8860, 0.3210,
-0.3110

■ 15.8500, -8.0250,
7.7750

■ 42.4300, 1.6050,
-1.5550

■ 12.3060, -9.3090,
9.0190

■ 45.9740, 2.8890,
-2.7990

■ 8.7620, -10.5930,
10.2630

■ 49.5180, 4.1730,
-4.0430

■ 5.2180, -11.8770,
11.5070

■ 53.0620, 5.4570,
-5.2870

■ 4.3320, -12.1980,
11.8180

■ 55.7200, 6.4200,
-6.2200

■ 59.2640, 7.7040,
-7.4640

Harmonies

Analogous

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



28.3350, -8.2530, 0.8910



29.1400, -3.2100, 3.1100



29.4180, 1.8790, 4.4950

Triad

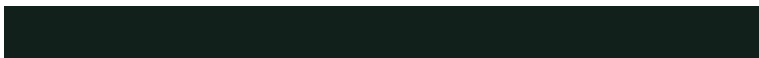
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



29.1400, -3.2100, 3.1100



28.7190, 8.1610, 0.7770



27.2440, -6.7390, -4.5230

Complementary

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



29.1400, -3.2100, 3.1100



36.8600, 3.2100, -3.1100

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.



27.6960, -2.2000, -4.1840



29.1400, -3.2100, 3.1100



28.7680, 6.4650, -1.5270

Square

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



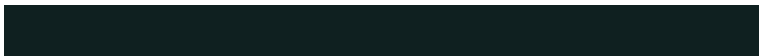
29.1400, -3.2100, 3.1100



29.1860, 8.3440, 2.9680



28.4470, 2.9350, -3.6330



26.9170, -10.1320, -3.6040

Rectangle

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



29.1400, -3.2100, 3.1100



29.9730, 4.6300, 4.1980



28.4470, 2.9350, -3.6330



26.8420, -5.5470, -4.0990

Sweetspot

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



29.1400, -3.2100, 3.1100



45.3420, -0.9630, 0.9330



35.0100, -5.9600, -2.1200



23.3420, -0.9630, 0.9330



153.0000, 0.0000, -0.0000



26.0000, -0.0000, -0.0000

Same Dimension

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



29.1400, -3.2100, 3.1100



34.7100, -4.8150, 4.6650



30.6350, -0.2300, 4.1700



16.2280, -0.6420, 0.6220



9.3480, -26.3220, 25.5020



23.8260, -67.0890, 64.9990

Inverse Universe

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



32.1300, 2.7500, 5.2300



39.1950, 4.1250, 7.8450



35.3650, 0.2300, -4.1700



16.8260, 0.5500, 1.0460



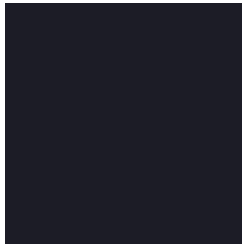
33.8660, 22.5500, 42.8860



86.3170, 57.4750, 109.3070

Previews

White Background



This preview shows how the YIQ color 29.1400, -3.2100, 3.1100 looks on a white background.

Color Contrast Check

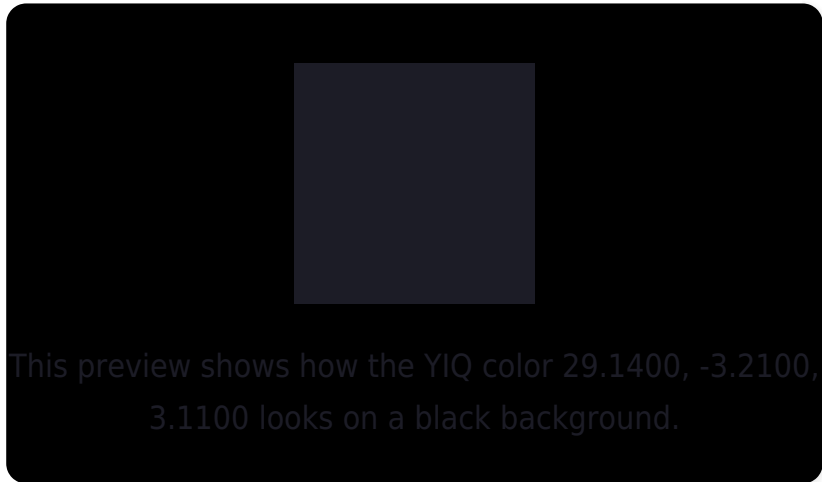
Large Text (above 18pt) WCAG AA ✓ Pass

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

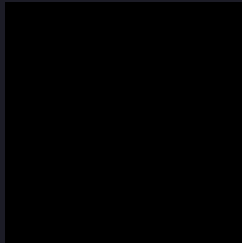
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

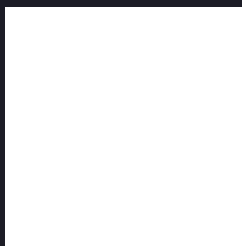
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 29.1400, -3.2100, 3.1100

Background



This preview shows how black text looks on a background with the YIQ color 29.1400, -3.2100, 3.1100.

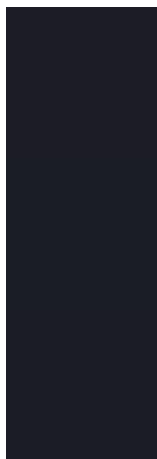


This preview shows how white text looks on a background with the YIQ color 29.1400, -3.2100,

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

29.1400, -3.2100, 3.1100

Protanopia

29.1290, -4.6770, 2.1630

Deuteranopia

28.8410, -3.8060, 2.8980



Tritanopia

28.7440, -2.1550, 0.5090

Trichromacy



Original Color

29.1400, -3.2100, 3.1100

Protanomaly

29.4280, -4.0810, 2.3750

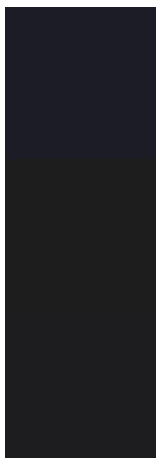
Deuteranomaly

28.8410, -3.8060, 2.8980

Tritanomaly

28.9720, -2.7970, 1.1310

Monochromacy



Original Color

29.1400, -3.2100, 3.1100

Achromatopsia

29.0000, -0.0000, 0.0000

Achromatomaly

29.3420, -0.9630, 0.9330

CSS Examples

Text

The CSS property to change the color of the text to YIQ 29.1400, -3.2100, 3.1100 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(28, 28, 38)` looks like.

```
.text, #text, p{  
    color:rgb(28, 28, 38)  
}
```

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(28, 28, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 28, 38) }
```

Border

The CSS property to change the border of an element to YIQ 29.1400, -3.2100, 3.1100 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(28, 28, 38) }
```


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

```
.border{ border-color:rgb(28, 28, 38) }
```

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

Here you see how a box with a 4 pixel rgb(28, 28, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 28, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 28, 38);  
box-shadow:4px 4px 4px 4px rgb(28, 28, 38)  
}
```

Background

The CSS property to change the background color of an element to YIQ 29.1400, -3.2100, 3.1100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 28, 38) }
```

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

```
.background{ background-color: rgb(28, 28,  
38) }
```

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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