

Converting Colors

YIQ(28.7150, -3.2110, 8.6370)

Have a look what the booklet for
YIQ(28.7150, -3.2110, 8.6370)
contains.

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Color

**YIQ(28.7150, -3.2110,
8.6370)**

Conversions

Conversions Part 1

Format	Color
Hex	1F182F
RGB	31, 24, 47
RGB Percent	12%, 9%, 18%
CMY	0.8784, 0.9059, 0.8157
CMYK	0.34, 0.49, 0.00, 0.82
HSL	258°, 32%, 14%
HSV	258°, 49%, 18%
XYZ	1.4048, 1.1498, 2.8364
YIQ	28.7150, -3.2110, 8.6370

Conversions

Conversions Part 2

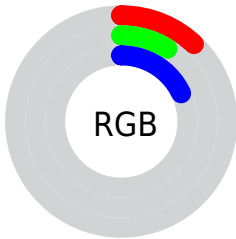
Format	Color
R_YB	31, 24, 47
Decimal	2037807
CIE _{Lab}	10.18, 9.85, -14.15
CIE _{LCh}	10, 17.241, 304.860
Yxy	1.1498, 0.2606, 0.2133
Android (android.graphics.Color)	4280227887 (0xFF1F182F)
YUV	28.7150, 9.0145, 2.0039
Hunter-Lab	10.7226, 4.6214, -8.1777

Details

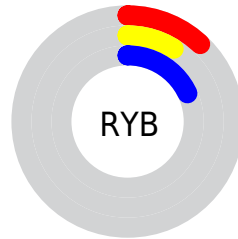
The YIQ color **28.7150, -3.2110, 8.6370** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **42.2850, 3.2110, -8.6370**, and the grayscale version is **29.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **72.6550, -2.9820, 9.9940**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **24.8830, -3.6240, 10.6160**, and if you desaturate by 10%, it is **32.5470, -2.7980, 6.6580**.

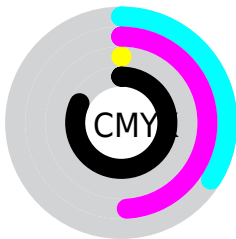
Distribution



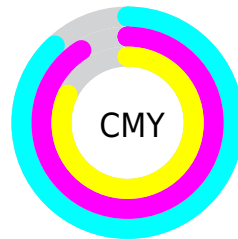
- Red (12%)
- Green (9%)
- Blue (18%)



- Red (12%)
- Yellow (9%)
- Blue (18%)



- Cyan (34%)
- Magenta (49%)
- Yellow (0%)
- Black (82%)



- Cyan (88%)
- Magenta (91%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 28.7150, -3.2110, 8.6370 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 28.7150, -3.2110, 8.6370 by changing the saturation by 10% instead.

■ 28.7150, -3.2110,
8.6370

■ 28.7150, -3.2110,
8.6370

■ 252.0650, 1.3750,
2.6150

■ 6.0680, -2.7070,
10.5170

■ 72.6550, -2.9820,
9.9940

■ 0.0000, 0.0000,
0.0000

■ 96.1820, -3.0280,
10.8280

■ 121.1820, -3.0280,
10.8280

■ 146.7090, -3.0740,
11.6620

■ 173.7090, -3.0740,
11.6620

■ 200.8230, -3.3950,

11.9730

■ 228.9370, -3.7160,
12.2840

■ 28.7150, -3.2110,
8.6370

■ 28.7150, -3.2110,
8.6370

■ 24.8830, -3.6240,
10.6160

■ 32.5470, -2.7980,
6.6580

■ 21.3390, -4.9080,
11.8600

■ 36.0910, -1.5140,
5.4140

■ 17.5070, -5.3210,
13.8390

■ 39.9230, -1.1010,
3.4350

■ 13.6750, -5.7340,
15.8180

■ 43.7550, -0.6880,
1.4560

■ 10.4300, -6.4220,
17.2740

■ 47.0000, 0.0000,
0.0000

■ 9.5440, -6.7430,
17.5850

■ 51.1310, 1.0090,
-1.7670

■ 54.9630, 1.4220,
-3.7460

■ 58.7950, 1.8350,
-5.7250

■ 62.0400, 2.5230,
-7.1810

Harmonies

Analogous

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



24.9410, -18.7070, 3.1250



28.7150, -3.2110, 8.6370



29.2280, 8.5260, 10.6860

Triad

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



28.7150, -3.2110, 8.6370



26.3580, 19.3030, -2.9130



23.2640, -18.6590, -8.7630

Complementary

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



28.7150, -3.2110, 8.6370



42.2850, 3.2110, -8.6370

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.



22.5050, -12.1480, -11.1240



28.7150, -3.2110, 8.6370



26.6020, 12.5640, -7.4360

Square

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



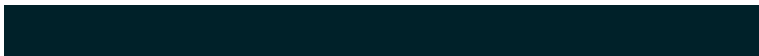
28.7150, -3.2110, 8.6370



27.1010, 18.8890, 4.5930



25.0030, 3.9450, -10.9270



24.0450, -22.2360, -4.5080

Rectangle

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



28.7150, -3.2110, 8.6370



28.3380, 14.0280, 10.0920



25.0030, 3.9450, -10.9270



22.8080, -17.3750, -10.0070

Sweetspot

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



28.7150, -3.2110, 8.6370



53.9230, -1.1010, 3.4350



36.0140, -11.7830, -1.2150



26.2820, -0.7340, 2.2900



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.



28.7150, -3.2110, 8.6370



32.3930, -5.0000, 13.5280



32.0040, 3.3450, 10.9690



21.2280, -0.6420, 0.6220



17.6920, -12.4310, 32.5690



43.8310, -29.9540, 80.3340

Inverse Universe

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



32.7010, 8.5720, 9.8520



38.6140, 13.4310, 15.4070



38.9960, -3.3450, -10.9690



21.7120, 0.8710, 0.7350



32.8530, 32.5920, 37.1040



80.9720, 79.7150, 91.7070

Previews

White Background



This preview shows how the YIQ color 28.7150, -3.2110, 8.6370 looks on a white background.

Color Contrast Check

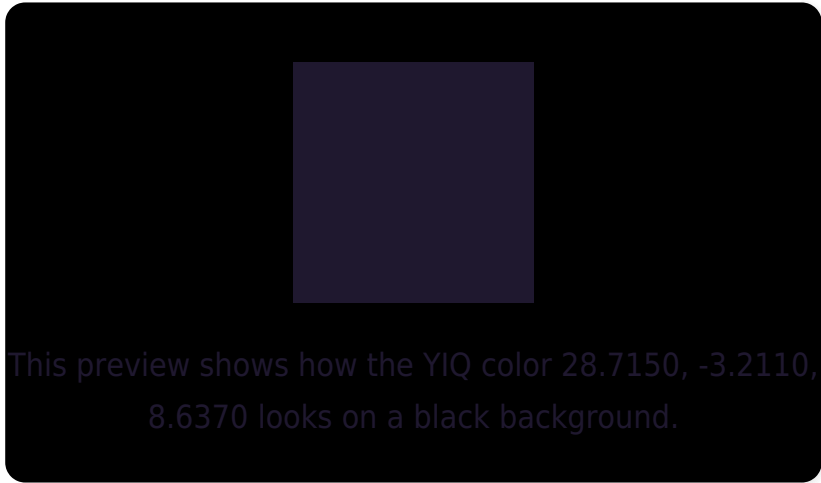
Large Text (above 18pt) WCAG AA ✓ Pass

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

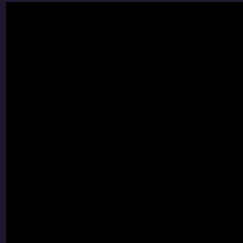
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 28.7150, -3.2110, 8.6370

Background



This preview shows how black text looks on a background with the YIQ color 28.7150, -3.2110, 8.6370.



This preview shows how white text looks on a background with the YIQ color 28.7150, -3.2110,

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

28.7150, -3.2110, 8.6370

Protanopia

26.6320, -13.3430, 5.0330

Deuteranopia

26.7630, -12.3340, 3.2660



Tritanopia

28.2280, -0.6420, 0.6220

Trichromacy



Original Color

28.7150, -3.2110, 8.6370

Protanomaly

27.4260, -9.7670, 6.3050

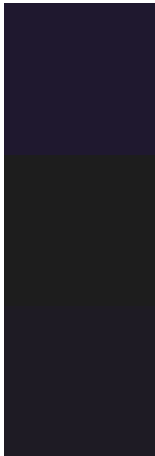
Deuteranomaly

27.6710, -9.0790, 4.8490

Tritanomaly

28.6240, -1.6970, 3.2230

Monochromacy



Original Color

28.7150, -3.2110, 8.6370

Achromatopsia

29.0000, -0.0000, 0.0000

Achromatomaly

28.9230, -1.1010, 3.4350

CSS Examples

Text

The CSS property to change the color of the text to YIQ 28.7150, -3.2110, 8.6370 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(31, 24, 47)` looks like.

```
.text, #text, p{  
    color:rgb(31, 24, 47)  
}
```

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(31, 24, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 24, 47) }
```

Border

The CSS property to change the border of an element to YIQ 28.7150, -3.2110, 8.6370 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(31, 24, 47) }
```


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

```
.border{ border-color:rgb(31, 24, 47) }
```

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

Here you see how a box with a 4 pixel rgb(31, 24, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 24, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 24, 47);  
box-shadow:4px 4px 4px 4px rgb(31, 24, 47)  
}
```

Background

The CSS property to change the background color of an element to YIQ 28.7150, -3.2110, 8.6370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 24, 47) }
```

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

```
.background{ background-color: rgb(31, 24,  
47) }
```

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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