

Converting Colors

YIQ(27.2270, -8.0690, -2.4450)

Have a look what the booklet for
YIQ(27.2270, -8.0690, -2.4450)
contains.

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Color

**YIQ(27.2270, -8.0690,
-2.4450)**

Conversions

Conversions Part 1

Format	Color
Hex	121F20
RGB	18, 31, 32
RGB Percent	7%, 12%, 13%
CMY	0.9294, 0.8784, 0.8745
CMYK	0.44, 0.03, 0.00, 0.87
HSL	184°, 28%, 10%
HSV	184°, 44%, 13%
XYZ	1.0000, 1.2130, 1.5473
YIQ	27.2270, -8.0690, -2.4450

Conversions

Conversions Part 2

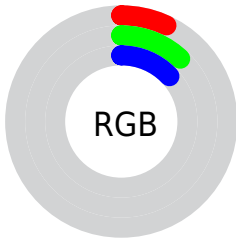
Format	Color
R_YB	18, 25, 32
Decimal	1187616
CIE Lab	10.65, -5.32, -2.49
CIE LCh	11, 5.875, 205.078
Yxy	1.2130, 0.2659, 0.3226
Android (android.graphics.Color)	4279377696 (0xFF121F20)
YUV	27.2270, 2.3531, -8.0921
Hunter-Lab	11.0137, -3.0664, -0.6201

Details

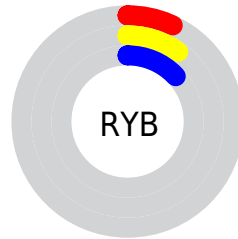
The YIQ color **27.2270, -8.0690, -2.4450** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **22.7730, 8.0690, 2.4450**, and the grayscale version is **27.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **70.9280, -8.6650, -2.6570**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **26.3300, -9.8570, -3.0810**, and if you desaturate by 10%, it is **28.1240, -6.2810, -1.8090**.

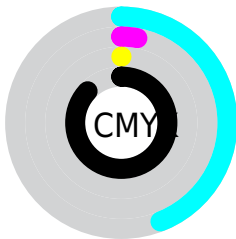
Distribution



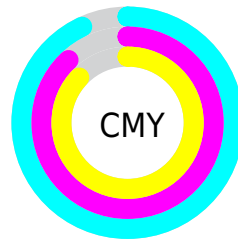
- Red (7%)
- Green (12%)
- Blue (13%)



- Red (7%)
- Yellow (10%)
- Blue (13%)



- Cyan (44%)
- Magenta (3%)
- Yellow (0%)
- Black (87%)



- Cyan (93%)
- Magenta (88%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 27.2270, -8.0690, -2.4450 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 27.2270, -8.0690, -2.4450 by changing the saturation by 10% instead.

■ 27.2270, -8.0690,
-2.4450

■ 27.2270, -8.0690,
-2.4450

■ 251.4120, -7.1520,
-2.5440

■ 3.8470, -3.9430,
-0.1270

■ 70.9280, -8.6650,
-2.6570

■ 0.0000, 0.0000,
0.0000

■ 94.6290, -9.2610,
-2.8690

■ 119.3300, -9.8570,
-3.0810

■ 144.6290, -9.2610,
-2.8690

■ 171.3300, -9.8570,
-3.0810

■ 198.4440,

-10.1780, -2.7700

■ 227.0310,
-10.4530, -3.2930

■ 27.2270, -8.0690,
-2.4450

■ 27.2270, -8.0690,
-2.4450

■ 26.3300, -9.8570,
-3.0810

■ 28.1240, -6.2810,
-1.8090

■ 25.4330, -11.6450,
-3.7170

■ 29.0210, -4.4930,
-1.1730

■ 23.6500, -13.7540,
-4.0420

■ 30.8040, -2.3840,
-0.8480

■ 22.7530, -15.5420,
-4.6780

■ 31.7010, -0.5960,
-0.2120

■ 21.8560, -17.3300,
-5.3140

■ 32.5980, 1.1920,
0.4240

■ 21.2580, -18.5220,
-5.7380

■ 33.4950, 2.9800,
1.0600

■ 34.9790, 4.4930,
1.1730

■ 36.1750, 6.8770,
2.0210

■ 37.0720, 8.6650,
2.6570

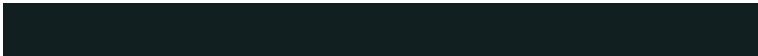
Harmonies

Analogous

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



27.3690, -5.5930, -3.2650



27.2270, -8.0690, -2.4450



27.2810, -8.1610, -0.7770

Triad

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



27.2270, -8.0690, -2.4450



29.4780, 1.6500, 3.1380



28.6970, 5.2270, -1.1170

Complementary

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



27.2270, -8.0690, -2.4450



22.7730, 8.0690, 2.4450

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.



29.1210, 6.9690, 0.3530



27.2270, -8.0690, -2.4450



29.4460, 4.6760, 3.3640

Square

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



27.2270, -8.0690, -2.4450



29.2110, -1.9720, 2.7000



29.2890, 6.5560, 2.3320



28.4900, 1.3760, -2.9120

Rectangle

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



27.2270, -8.0690, -2.4450



28.2920, -6.6940, 0.1700



29.2890, 6.5560, 2.3320



28.9960, 5.8230, -0.9050

Sweetspot

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



27.2270, -8.0690, -2.4450



38.6190, -3.3010, -0.7490



26.3320, -4.1710, -7.0110



19.1030, -1.7880, -0.6360



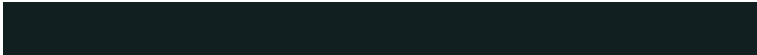
148.0000, -0.0000, 0.0000



20.0000, 0.0000, -0.0000

Same Dimension

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



27.2270, -8.0690, -2.4450



33.2480, -12.5620, -3.6180



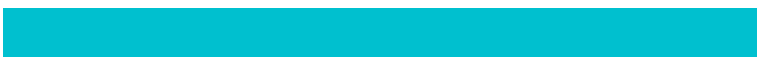
23.1180, -6.1440, 1.2160



14.7010, -0.5960, -0.2120



51.8570, -45.4340, -13.6100



136.3020, -119.2470, -36.0390

Inverse Universe

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



23.6680, 4.1710, 7.0110



27.8580, 6.6920, 10.8840



26.8820, 6.1440, -1.2160



14.4130, 0.2750, 0.5230



31.9430, 23.6510, 39.4510



83.7810, 61.7400, 103.5960

Previews

White Background



This preview shows how the YIQ color 27.2270, -8.0690, -2.4450 looks on a white background.

Color Contrast Check

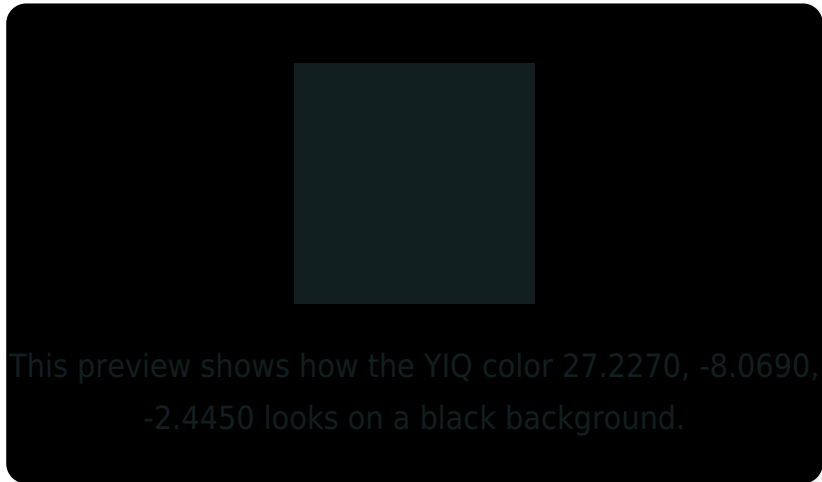
Large Text (above 18pt) WCAG AA ✓ Pass

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

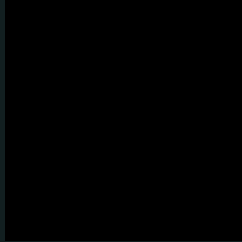
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

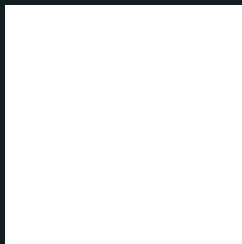
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 27.2270, -8.0690, -2.4450

Background



This preview shows how black text looks on a background with the YIQ color 27.2270, -8.0690, -2.4450.



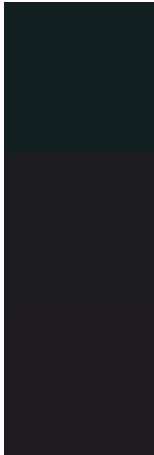
This preview shows how white text looks on a background with the YIQ color 27.2270, -8.0690, -2.4450.

-2.4450.

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

27.2270, -8.0690, -2.4450

Protanopia

29.2280, -0.6420, 0.6220

Deuteranopia

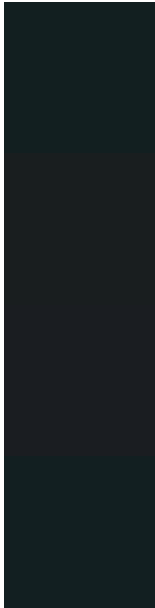
29.1680, -0.4130, 1.9790



Tritanopia

27.3410, -8.3900, -2.1340

Trichromacy



Original Color

27.2270, -8.0690, -2.4450

Protanomaly

28.6190, -3.3010, -0.7490

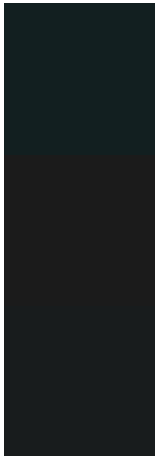
Deuteranomaly

28.5590, -3.0720, 0.6080

Tritanomaly

27.3410, -8.3900, -2.1340

Monochromacy



Original Color

27.2270, -8.0690, -2.4450

Achromatopsia

27.0000, -0.0000, 0.0000

Achromatomaly

26.9180, -2.7050, -0.5370

CSS Examples

Text

The CSS property to change the color of the text to YIQ 27.2270, -8.0690, -2.4450 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(18, 31, 32)` looks like.

```
.text, #text, p{  
    color:rgb(18, 31, 32)  
}
```

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(18, 31, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 31, 32) }
```

Border

The CSS property to change the border of an element to YIQ 27.2270, -8.0690, -2.4450 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(18, 31, 32) }
```


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

```
.border{ border-color:rgb(18, 31, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 31, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 31, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 31, 32);  
box-shadow:4px 4px 4px 4px rgb(18, 31, 32)  
}
```

Background

The CSS property to change the background color of an element to YIQ 27.2270, -8.0690, -2.4450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 31, 32) }
```

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

```
.background{ background-color: rgb(18, 31,  
32) }
```

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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