

Converting Colors

YIQ(29.5090, -8.8030, -0.1550)

Have a look what the booklet for
YIQ(29.5090, -8.8030, -0.1550)
contains.

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Color

**YIQ(29.5090, -8.8030,
-0.1550)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 152027 |
| RGB | 21, 32, 39 |
| RGB Percent | 8%, 13%, 15% |
| CMY | 0.9177, 0.8745, 0.8471 |
| CMYK | 0.46, 0.18, 0.00, 0.85 |
| HSL | 203°, 30%, 12% |
| HSV | 203°, 46%, 15% |
| XYZ | 1.1918, 1.3391, 2.1142 |
| YIQ | 29.5090, -8.8030, -0.1550 |

Conversions

Conversions Part 2

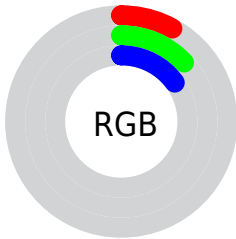
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 21, 28, 39 |
| Decimal | 1384487 |
| CIE Lab | 11.55, -2.57, -6.26 |
| CIE LCh | 12, 6.770, 247.677 |
| Yxy | 1.3391, 0.2566, 0.2883 |
| Android (android.graphics.Color) | 4279574567 (0xFF152027) |
| YUV | 29.5090, 4.6791, -7.4624 |
| Hunter-Lab | 11.5718, -1.8662, -2.7323 |

Details

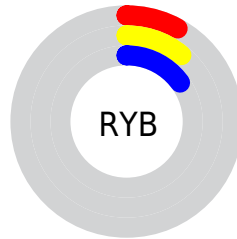
The YIQ color **29.5090, -8.8030, -0.1550** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **30.4910, 8.8030, 0.1550**, and the grayscale version is **29.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **73.3240, -9.7200, -0.0560**, and **0.0000, 0.0000, 0.0000** is the 20% darker color. If you saturate the color by 10%, you get **27.1390, -10.6370, 0.0430**, and if you desaturate by 10%, it is **31.8790, -6.9690, -0.3530**.

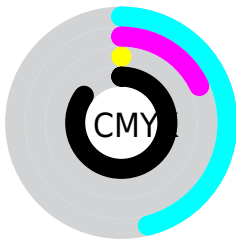
Distribution



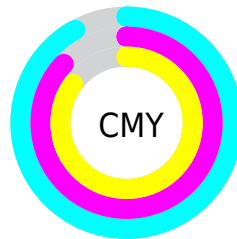
- Red (8%)
- Green (13%)
- Blue (15%)



- Red (8%)
- Yellow (11%)
- Blue (15%)



- Cyan (46%)
- Magenta (18%)
- Yellow (0%)
- Black (85%)



- Cyan (92%)
- Magenta (87%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 29.5090, -8.8030, -0.1550 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 29.5090, -8.8030, -0.1550 by changing the saturation by 10% instead.

■ 29.5090, -8.8030,
-0.1550

■ 29.5090, -8.8030,
-0.1550

■ 252.9070, -4.1720,
-1.4840

■ 6.8620, -8.2990,
1.7250

■ 73.3240, -9.7200,
-0.0560

■ 0.0000, 0.0000,
0.0000

■ 97.3240, -9.7200,
-0.0560

■ 122.0250,
-10.3160, -0.2680

■ 147.4380,
-10.0410, 0.2550

■ 174.1390,
-10.6370, 0.0430

■ 201.8400,

-11.2330, -0.1690

■ 229.9540,
-11.5540, 0.1420

■ 29.5090, -8.8030,
-0.1550

■ 29.5090, -8.8030,
-0.1550

■ 27.1390, -10.6370,
0.0430

■ 31.8790, -6.9690,
-0.3530

■ 25.3560, -12.7460,
-0.2820

■ 33.6620, -4.8600,
-0.0280

■ 22.9860, -14.5800,
-0.0840

■ 36.0320, -3.0260,
-0.2260

■ 21.2030, -16.6890,
-0.4090

■ 37.8150, -0.9170,
0.0990

■ 19.1320, -17.9270,
0.0010

■ 39.8860, 0.3210,
-0.3110

■ 18.5340, -19.1190,
-0.4230

■ 41.6690, 2.4300,
0.0140

■ 44.0390, 4.2640,
-0.1840

■ 45.8220, 6.3730,
0.1410

■ 48.1920, 8.2070,
-0.0570

Harmonies

Analogous

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



28.8570, -9.9030, -2.2470



29.5090, -8.8030, -0.1550



30.8300, -5.2730, 1.9510

Triad

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



29.5090, -8.8030, -0.1550



31.2290, 6.7850, 3.6890



29.7780, 0.5050, -3.6470

Complementary

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



29.5090, -8.8030, -0.1550



30.4910, 8.8030, 0.1550

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.



30.4580, 4.4020, -2.6860



29.5090, -8.8030, -0.1550



31.2460, 8.1150, 1.6110

Square

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



29.5090, -8.8030, -0.1550



31.6740, 4.0340, 3.9860



30.5940, 7.0150, -0.4810



29.3260, -4.0340, -3.9860

Rectangle

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



29.5090, -8.8030, -0.1550



31.3250, -2.2930, 3.0110



30.5940, 7.0150, -0.4810



29.9630, 1.4220, -3.7460

Sweetspot

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



29.5090, -8.8030, -0.1550



47.1460, -3.3470, 0.0850



32.3640, -7.1970, -7.2370



23.3310, -2.4300, -0.0140



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.



29.5090, -8.8030, -0.1550



36.1710, -13.6630, -0.1830



24.2260, -6.3280, 4.5520



19.4020, -1.1920, -0.4240



39.5130, -40.9890, -0.5490



99.8910, -103.5270, -1.5350

Inverse Universe

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



27.6360, 7.1970, 7.2370



33.3100, 11.2310, 11.2230



35.7740, 6.3280, -4.5520



18.8260, 0.5500, 1.0460



30.9300, 33.6930, 33.6690



78.0940, 84.9430, 85.0630

Previews

White Background



This preview shows how the YIQ color 29.5090, -8.8030, -0.1550 looks on a white background.

Color Contrast Check

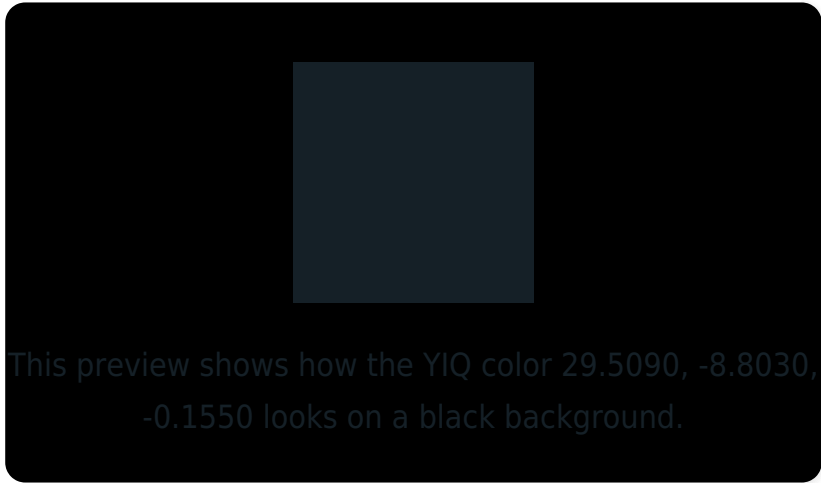
Large Text (above 18pt) WCAG AA ✓ Pass

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

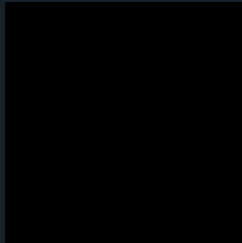
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

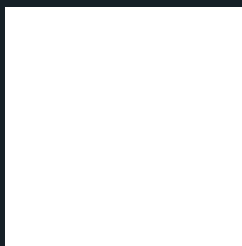
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 29.5090, -8.8030, -0.1550

Background



This preview shows how black text looks on a background with the YIQ color 29.5090, -8.8030, -0.1550.



This preview shows how white text looks on a background with the YIQ color 29.5090, -8.8030, -0.1550.

-0.1550.

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

29.5090, -8.8030, -0.1550

Protanopia

30.6130, -3.1640, 2.2760

Deuteranopia

30.7270, -3.4850, 2.5870



Tritanopia

29.3410, -8.3900, -2.1340

Trichromacy



Original Color

29.5090, -8.8030, -0.1550

Protanomaly

30.3030, -5.2270, 1.1170

Deuteranomaly

30.4170, -5.5480, 1.4280

Tritanomaly

29.4550, -8.7110, -1.8230

Monochromacy



Original Color

29.5090, -8.8030, -0.1550

Achromatopsia

30.0000, -0.0000, -0.0000

Achromatomaly

30.0320, -3.0260, -0.2260

CSS Examples

Text

The CSS property to change the color of the text to YIQ 29.5090, -8.8030, -0.1550 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, 32, 39)` looks like.

```
.text, #text, p{  
    color:rgb(21, 32, 39)  
}
```

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, 32, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 32, 39) }
```

Border

The CSS property to change the border of an element to YIQ 29.5090, -8.8030, -0.1550 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, 32, 39) }
```


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

```
.border{ border-color:rgb(21, 32, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 32, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 32, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 32, 39);  
box-shadow:4px 4px 4px 4px rgb(21, 32, 39)  
}
```

Background

The CSS property to change the background color of an element to YIQ 29.5090, -8.8030, -0.1550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 32, 39) }
```

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

```
.background{ background-color: rgb(21, 32,  
39) }
```

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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