

Converting Colors

YIQ(72.2080, -15.0850, 3.5630)

Have a look what the booklet for
YIQ(72.2080, -15.0850, 3.5630)
contains.

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Color

**YIQ(72.2080, -15.0850,
3.5630)**

Conversions

Conversions Part 1

Format	Color
Hex	3C4A5F
RGB	60, 74, 95
RGB Percent	24%, 29%, 37%
CMY	0.7647, 0.7098, 0.6275
CMYK	0.37, 0.22, 0.00, 0.63
HSL	216°, 23%, 30%
HSV	216°, 37%, 37%
XYZ	6.3770, 6.6847, 11.7760
YIQ	72.2080, -15.0850, 3.5630

Conversions

Conversions Part 2

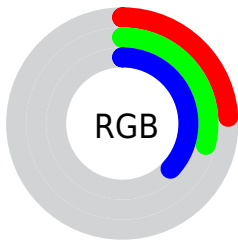
Format	Color
RYB	60, 70, 95
Decimal	3951199
CIELab	31.08, 0.25, -14.12
CIELCh	31, 14.122, 271.009
Yxy	6.6847, 0.2567, 0.2691
Android (android.graphics.Color)	4282141279 (0xFF3C4A5F)
YUV	72.2080, 11.2365, -10.7064
Hunter-Lab	25.8548, -1.2194, -8.9063

Details

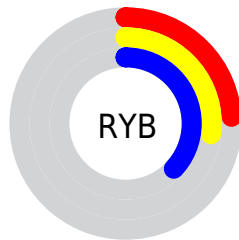
The YIQ color **72.2080, -15.0850, 3.5630** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **82.7920, 15.0850, -3.5630**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **121.4360, -15.7270, 4.1850**, and **27.6810, -15.0390, 2.7290** is the 20% darker color. If you saturate the color by 10%, you get **65.6960, -19.3950, 4.5810**, and if you desaturate by 10%, it is **78.4210, -11.3710, 2.3330**.

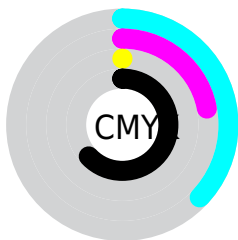
Distribution



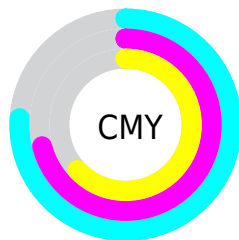
- Red (24%)
- Green (29%)
- Blue (37%)



- Red (24%)
- Yellow (27%)
- Blue (37%)



- Cyan (37%)
- Magenta (22%)
- Yellow (0%)
- Black (63%)



- Cyan (76%)
- Magenta (71%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.2080, -15.0850, 3.5630 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 72.2080, -15.0850, 3.5630 by changing the saturation by 10% instead.

■ 72.2080, -15.0850,
3.5630

■ 72.2080, -15.0850,
3.5630

■ 255.0000, -0.0000,
-0.0000

■ 49.6810, -15.0390,
2.7290

■ 121.3220,
-15.4060, 3.8740

■ 28.2680, -15.3140,
2.2060

■ 146.5500,
-16.0480, 4.4960

■ 6.1270, -10.3630,
6.0930

■ 173.5500,
-16.0480, 4.4960

■ 0.0000, 0.0000,
0.0000

■ 200.6640,
-16.3690, 4.8070

■ 228.6640,
-16.3690, 4.8070

■ 251.7110, -6.5560,

-2.3320

■ 72.2080, -15.0850,
3.5630

■ 72.2080, -15.0850,
3.5630

■ 65.6960, -19.3950,
4.5810

■ 78.4210, -11.3710,
2.3330

■ 60.0700, -23.3840,
5.2880

■ 84.3460, -6.7860,
1.8380

■ 53.8570, -27.0980,
6.5180

■ 90.5590, -3.0720,
0.6080

■ 47.3450, -31.4080,
7.5360

■ 97.0710, 1.2380,
-0.4100

■ 41.7190, -35.3970,
8.2430

■ 102.6970, 5.2270,
-1.1170

■ 35.2070, -39.7070,
9.2610

■ 109.2090, 9.5370,
-2.1350

■ 33.1360, -40.9450,
9.6710

■ 115.4220, 13.2510,
-3.3650

■ 121.9340, 17.5610,
-4.3830

■ 127.5600, 21.5500,
-5.0900

Harmonies

Analogous

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



69.4410, -23.2910, -1.9070



72.2080, -15.0850, 3.5630



74.0030, -4.0820, 7.9020

Triad

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



72.2080, -15.0850, 3.5630



74.2150, 18.5680, 4.9040



69.5980, -7.9760, -9.6400

Complementary

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



72.2080, -15.0850, 3.5630



82.7920, 15.0850, -3.5630

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.



71.3990, 2.8900, -8.3260



72.2080, -15.0850, 3.5630



73.5690, 17.3310, -0.2130

Square

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



72.2080, -15.0850, 3.5630



74.8820, 15.3120, 8.8480



72.8840, 11.8300, -5.1460



68.1500, -18.3380, -9.0740

Rectangle

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



72.2080, -15.0850, 3.5630



74.9500, 3.4370, 9.3010



72.8840, 11.8300, -5.1460



70.4520, -4.6290, -9.7250

Sweetspot

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



72.2080, -15.0850, 3.5630



113.4170, -5.5480, 1.4280



82.8250, -16.0450, -12.0850



55.6730, -3.3930, 0.9190



189.0000, -0.0000, -0.0000



61.0000, 0.0000, -0.0000

Same Dimension

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



72.2080, -15.0850, 3.5630



87.3690, -22.7880, 5.5000



64.8870, -9.4470, 11.5210



45.6300, -1.8340, 0.1980



39.1830, -48.3270, 11.2970



83.7120, -103.4400, 24.4320

Inverse Universe

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



72.0610, 16.3660, 11.7740



87.2410, 24.8470, 17.7670



90.1130, 9.4470, -11.5210



45.4240, 1.7420, 1.4700



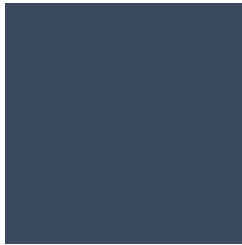
38.6180, 52.3070, 37.7390



82.7040, 112.2240, 80.7360

Previews

White Background



This preview shows how the YIQ color 72.2080, -15.0850, 3.5630 looks on a white background.

Color Contrast Check

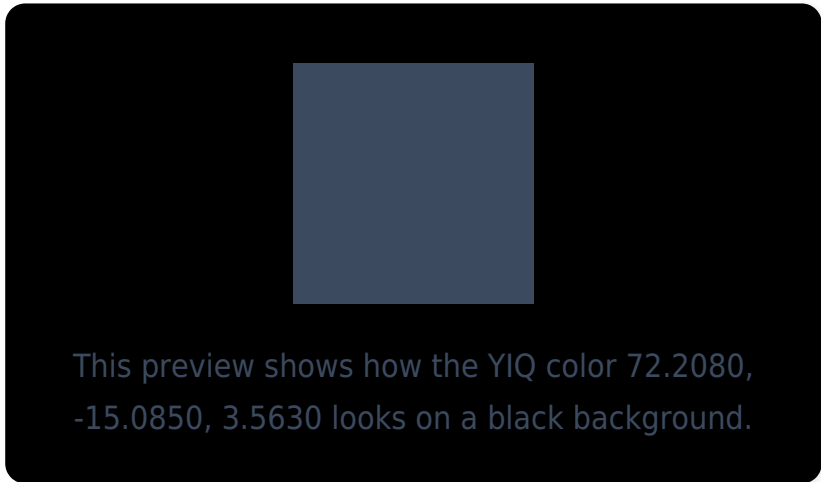
Large Text (above 18pt) WCAG AA ✓ Pass

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

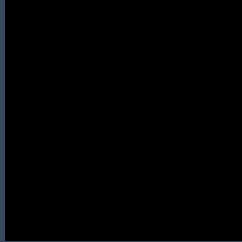
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

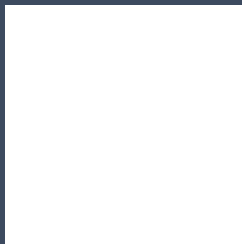
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 72.2080, -15.0850, 3.5630

Background



This preview shows how black text looks on a background with the YIQ color 72.2080, -15.0850, 3.5630.

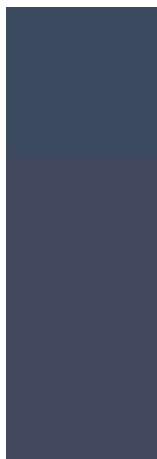


This preview shows how white text looks on a background with the YIQ color 72.2080, -15.0850,

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

72.2080, -15.0850, 3.5630

Protanopia

73.0130, -10.0420, 5.7820

Deuteranopia

73.4260, -9.7670, 6.3050



Tritanopia

71.0030, -13.2500, -2.1620

Trichromacy



Original Color

72.2080, -15.0850, 3.5630

Protanomaly

72.7030, -12.1050, 4.6230

Deuteranomaly

73.1160, -11.8300, 5.1460

Tritanomaly

71.2850, -13.9840, 0.1280

Monochromacy



Original Color

72.2080, -15.0850, 3.5630

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

72.3030, -5.2270, 1.1170

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.2080, -15.0850, 3.5630 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(60, 74, 95)` looks like.

```
.text, #text, p{  
    color:rgb(60, 74, 95)  
}
```

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(60, 74, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 74, 95) }
```

Border

The CSS property to change the border of an element to YIQ 72.2080, -15.0850, 3.5630 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(60, 74, 95) }
```


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

```
.border{ border-color:rgb(60, 74, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(60, 74, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 74, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 74, 95);  
box-shadow:4px 4px 4px 4px rgb(60, 74, 95)  
}
```

Background

The CSS property to change the background color of an element to YIQ 72.2080, -15.0850, 3.5630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 74, 95) }
```

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

```
.background{ background-color: rgb(60, 74,  
95) }
```

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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