

Converting Colors

YIQ(72.4920, -10.1330, 1.9230)

Have a look what the booklet for
YIQ(72.4920, -10.1330, 1.9230)
contains.

YIQ(72.4920, -10.1330, 1.9230)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(72.4920, -10.1330,
1.9230)**

Conversions

Conversions Part 1

Format	Color
Hex	404A57
RGB	64, 74, 87
RGB Percent	25%, 29%, 34%
CMY	0.7490, 0.7098, 0.6589
CMYK	0.26, 0.15, 0.00, 0.66
HSL	214°, 15%, 30%
HSV	214°, 26%, 34%
XYZ	6.2829, 6.6759, 9.9715
YIQ	72.4920, -10.1330, 1.9230

Conversions

Conversions Part 2

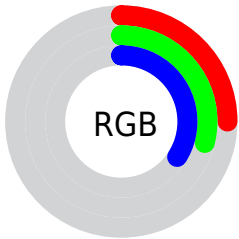
Format	Color
RYB	64, 71, 87
Decimal	4213335
CIELab	31.06, -0.67, -9.02
CIELCh	31, 9.041, 265.775
Yxy	6.6759, 0.2740, 0.2911
Android (android.graphics.Color)	4282403415 (0xFF404A57)
YUV	72.4920, 7.1524, -7.4475
Hunter-Lab	25.8377, -1.8104, -4.7952

Details

The YIQ color **72.4920, -10.1330, 1.9230** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **78.5080, 10.1330, -1.9230**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **121.3070, -11.0500, 2.0220**, and **28.3780, -9.8120, 1.6120** is the 20% darker color. If you saturate the color by 10%, you get **66.8660, -14.1220, 2.6300**, and if you desaturate by 10%, it is **78.1180, -6.1440, 1.2160**.

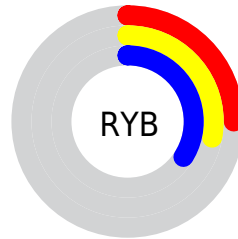
Distribution



Red (25%)

Green (29%)

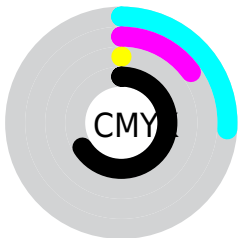
Blue (34%)



Red (25%)

Yellow (28%)

Blue (34%)

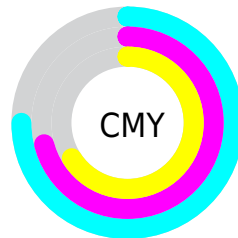


Cyan (26%)

Magenta (15%)

Yellow (0%)

Black (66%)



Cyan (75%)

Magenta (71%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.4920, -10.1330, 1.9230 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 72.4920, -10.1330, 1.9230 by changing the saturation by 10% instead.

■ 72.4920, -10.1330,
1.9230

■ 72.4920, -10.1330,
1.9230

■ 255.0000, -0.0000,
-0.0000

■ 49.7910, -9.5370,
2.1350

■ 121.3070,
-11.0500, 2.0220

■ 28.3780, -9.8120,
1.6120

■ 146.7200,
-10.7750, 2.5450

■ 5.4430, -8.4370,
4.2270

■ 173.4210,
-11.3710, 2.3330

■ 0.0000, 0.0000,
0.0000

■ 200.5350,
-11.6920, 2.6440

■ 228.5350,
-11.6920, 2.6440

■ 252.9070, -4.1720,

-1.4840

■ 72.4920, -10.1330,
1.9230

■ 72.4920, -10.1330,
1.9230

■ 66.8660, -14.1220,
2.6300

■ 78.1180, -6.1440,
1.2160

■ 61.5390, -17.5150,
3.5490

■ 83.4450, -2.7510,
0.2970

■ 55.9130, -21.5040,
4.2560

■ 89.0710, 1.2380,
-0.4100

■ 50.2870, -25.4930,
4.9630

■ 94.6970, 5.2270,
-1.1170

■ 44.9600, -28.8860,
5.8820

■ 100.0240, 8.6200,
-2.0360

■ 39.9210, -33.1500,
6.0660

■ 105.0630, 12.8840,
-2.2200

■ 34.2950, -37.1390,
6.7730

■ 110.6890, 16.8730,
-2.9270

■ 32.2240, -38.3770,
7.1830

■ 116.3150, 20.8620,
-3.6340

■ 121.6420, 24.2550,
-4.5530

Harmonies

Analogous

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



71.2310, -13.8920, -1.5400



72.4920, -10.1330, 1.9230



73.8950, -3.8980, 4.5660

Triad

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



72.4920, -10.1330, 1.9230



73.8660, 12.2410, 3.9290



71.1580, -3.6210, -5.9650

Complementary

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



72.4920, -10.1330, 1.9230



78.5080, 10.1330, -1.9230

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.



72.3930, 3.0270, -5.3010



72.4920, -10.1330, 1.9230



73.5730, 11.5080, 0.6920

Square

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



72.4920, -10.1330, 1.9230



74.3650, 9.3980, 5.8940



72.9100, 8.9410, -2.3470



70.4500, -10.3150, -5.7950

Rectangle

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



72.4920, -10.1330, 1.9230



74.1730, 1.1910, 5.9510



72.9100, 8.9410, -2.3470



71.8270, -1.1910, -5.9510

Sweetspot

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



72.4920, -10.1330, 1.9230



106.3740, -3.9890, 0.7070



78.9830, -10.4980, -7.9860



52.4450, -2.7510, 0.2970



184.0000, 0.0000, -0.0000



56.0000, -0.0000, 0.0000

Same Dimension

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



72.4920, -10.1330, 1.9230



89.4960, -15.9560, 2.8280



66.9210, -6.7870, 7.3650



40.6300, -1.8340, 0.1980



39.7870, -47.2720, 8.6960



86.6640, -103.4850, 19.7390

Inverse Universe

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



72.0170, 10.4980, 7.9860



88.5880, 16.3200, 12.6080



84.0790, 6.7870, -7.3650



40.4240, 1.7420, 1.4700



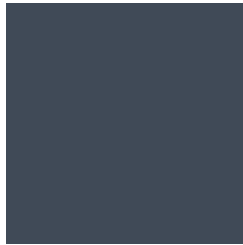
37.3510, 48.6850, 37.3010



81.8930, 107.3180, 81.5420

Previews

White Background



This preview shows how the YIQ color 72.4920, -10.1330, 1.9230 looks on a white background.

Color Contrast Check

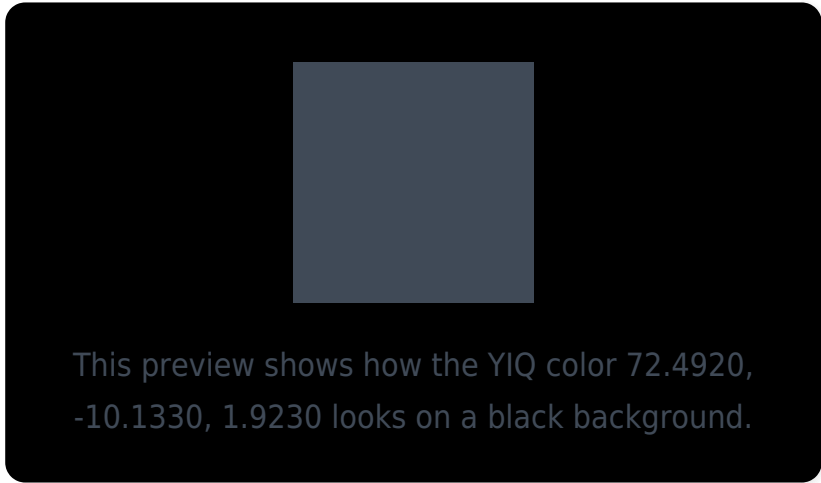
Large Text (above 18pt) WCAG AA ✓ Pass

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

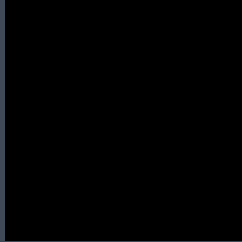
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

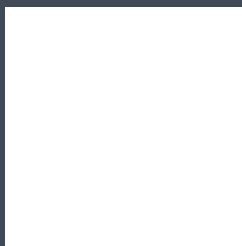
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 72.4920, -10.1330, 1.9230

Background



This preview shows how black text looks on a background with the YIQ color 72.4920, -10.1330, 1.9230.



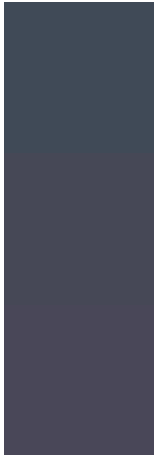
This preview shows how white text looks on a background with the YIQ color 72.4920, -10.1330,

1.9230.

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

72.4920, -10.1330, 1.9230

Protanopia

72.9980, -5.6860, 3.9300

Deuteranopia

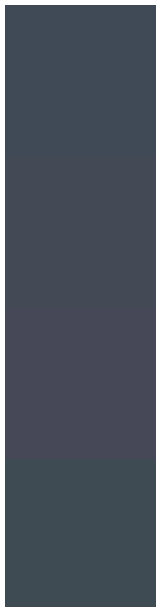
73.5360, -4.2650, 5.7110



Tritanopia

72.0960, -9.0780, -0.6780

Trichromacy



Original Color

72.4920, -10.1330, 1.9230

Protanomaly

72.9870, -7.1530, 2.9830

Deuteranomaly

73.2260, -6.3280, 4.5520

Tritanomaly

72.3240, -9.7200, -0.0560

Monochromacy



Original Color

72.4920, -10.1330, 1.9230

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

72.2600, -3.6680, 0.3960

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.4920, -10.1330, 1.9230 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(64, 74, 87)` looks like.

```
.text, #text, p{  
    color:rgb(64, 74, 87)  
}
```

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(64, 74, 87) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 74, 87) }
```

Border

The CSS property to change the border of an element to YIQ 72.4920, -10.1330, 1.9230 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(64, 74, 87) }
```


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

```
.border{ border-color:rgb(64, 74, 87) }
```

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

Here you see how a box with a 4 pixel rgb(64, 74, 87) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 74, 87); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 74, 87);  
box-shadow:4px 4px 4px 4px rgb(64, 74, 87)  
}
```

Background

The CSS property to change the background color of an element to YIQ 72.4920, -10.1330, 1.9230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 74, 87) }
```

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

```
.background{ background-color: rgb(64, 74,  
87) }
```

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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