

Converting Colors

YIQ(77.1330, -10.5000, 3.0680)

Have a look what the booklet for
YIQ(77.1330, -10.5000, 3.0680)
contains.

YIQ(77.1330, -10.5000, 3.0680)	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(77.1330, -10.5000,
3.0680)**

Conversions

Conversions Part 1

Format	Color
Hex	454E5E
RGB	69, 78, 94
RGB Percent	27%, 31%, 37%
CMY	0.7294, 0.6941, 0.6314
CMYK	0.27, 0.17, 0.00, 0.63
HSL	218°, 15%, 32%
HSV	218°, 27%, 37%
XYZ	7.1985, 7.5223, 11.6590
YIQ	77.1330, -10.5000, 3.0680

Conversions

Conversions Part 2

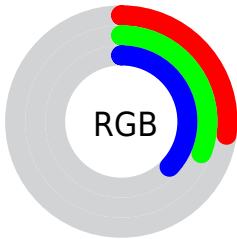
Format	Color
RYB	69, 76, 94
Decimal	4542046
CIELab	32.97, 0.48, -10.55
CIElCh	33, 10.556, 272.597
Yxy	7.5223, 0.2729, 0.2852
Android (android.graphics.Color)	4282732126 (0xFF454E5E)
YUV	77.1330, 8.3154, -7.1326
Hunter-Lab	27.4269, -1.1479, -6.0050

Details

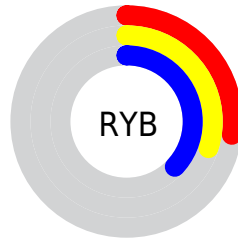
The YIQ color **77.1330, -10.5000, 3.0680** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **85.8670, 10.5000, -3.0680**, and the grayscale version is **77.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **126.2470, -10.8210, 3.3790**, and **32.9050, -9.8580, 2.4460** is the 20% darker color. If you saturate the color by 10%, you get **70.9200, -14.2140, 4.2980**, and if you desaturate by 10%, it is **83.3460, -6.7860, 1.8380**.

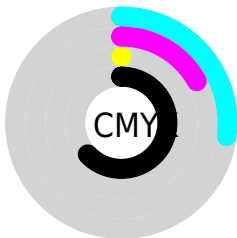
Distribution



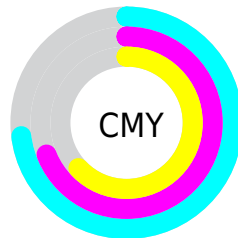
- Red (27%)
- Green (31%)
- Blue (37%)



- Red (27%)
- Yellow (30%)
- Blue (37%)



- Cyan (27%)
- Magenta (17%)
- Yellow (0%)
- Black (63%)



- Cyan (73%)
- Magenta (69%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 77.1330, -10.5000, 3.0680 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 77.1330, -10.5000, 3.0680 by changing the saturation by 10% instead.

■ 77.1330, -10.5000,
3.0680

■ 77.1330, -10.5000,
3.0680

■ 255.0000, -0.0000,
-0.0000

■ 54.0190, -10.1790,
2.7570

■ 126.2470,
-10.8210, 3.3790

■ 32.9050, -9.8580,
2.4460

■ 152.0620,
-11.7380, 3.4780

■ 9.5350, -11.6920,
2.6440

■ 179.0620,
-11.7380, 3.4780

■ 0.0000, 0.0000,
0.0000

■ 206.1760,
-12.0590, 3.7890

■ 234.2900,
-12.3800, 4.1000

254.7010, -0.5960,

-0.2120

■ 77.1330, -10.5000,
3.0680

■ 77.1330, -10.5000,
3.0680

■ 70.9200, -14.2140,
4.2980

■ 83.3460, -6.7860,
1.8380

■ 64.4080, -18.5240,
5.3160

■ 89.8580, -2.4760,
0.8200

■ 58.1950, -22.2380,
6.5460

■ 96.0710, 1.2380,
-0.4100

■ 51.6830, -26.5480,
7.5640

■ 102.5830, 5.5480,
-1.4280

■ 45.4700, -30.2620,
8.7940

■ 108.7960, 9.2620,
-2.6580

■ 39.2570, -33.9760,
10.0240

■ 115.0090, 12.9760,
-3.8880

■ 32.7450, -38.2860,
11.0420

■ 121.5210, 17.2860,
-4.9060

■ 30.6740, -39.5240,
11.4520

■ 127.7340, 21.0000,
-6.1360

■ 134.2460, 25.3100,
-7.1540

Harmonies

Analogous

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



75.0890, -16.3680, -0.7200



77.1330, -10.5000, 3.0680



78.4330, -2.4770, 6.3470

Triad

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



77.1330, -10.5000, 3.0680



78.5350, 14.6710, 3.9430



75.5490, -6.2800, -7.3360

Complementary

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



77.1330, -10.5000, 3.0680



85.8670, 10.5000, -3.0680

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.



76.2680, 1.8810, -6.5590



77.1330, -10.5000, 3.0680



77.8290, 13.6630, 0.1830

Square

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



77.1330, -10.5000, 3.0680



79.1480, 11.5070, 6.2190



76.9700, 8.7120, -3.7040



74.0690, -13.6160, -6.5440

Rectangle

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



77.1330, -10.5000, 3.0680



78.5970, 2.9330, 7.4210



76.9700, 8.7120, -3.7040



75.5170, -3.2540, -7.1100

Sweetspot

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



77.1330, -10.5000, 3.0680



115.7870, -3.7140, 1.2300



85.4990, -12.0110, -8.0990



56.8580, -2.4760, 0.8200



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.



77.1330, -10.5000, 3.0680



95.6640, -16.3690, 4.8070



72.7470, -6.2370, 8.4110



42.7440, -2.1550, 0.5090



36.0200, -46.3100, 13.2900



76.9130, -99.4520, 29.2520

Inverse Universe

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



77.5010, 12.0110, 8.0990



96.2570, 18.7500, 12.6220



90.2530, 6.2370, -8.4110



42.7230, 2.3380, 1.6820



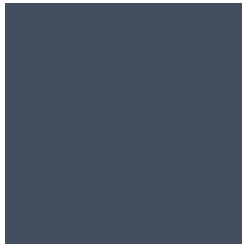
37.4500, 52.7200, 35.7600



80.5530, 113.9670, 76.6790

Previews

White Background



This preview shows how the YIQ color 77.1330, -10.5000, 3.0680 looks on a white background.

Color Contrast Check

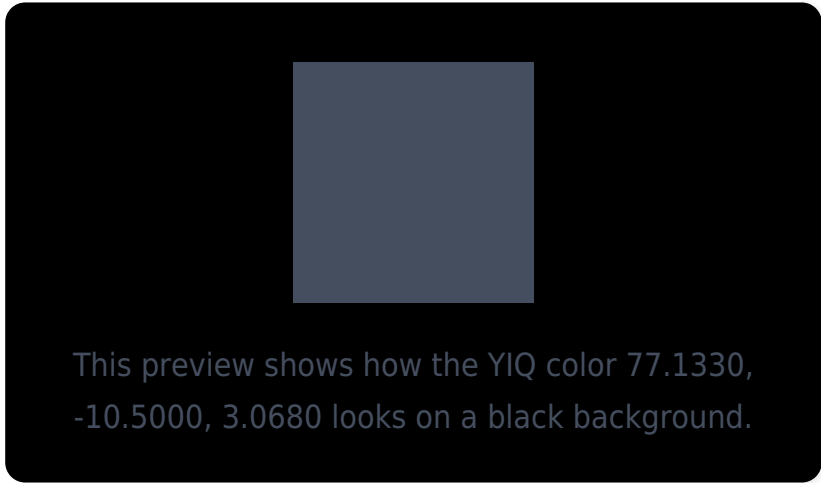
Large Text (above 18pt) WCAG AA ✓ Pass

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

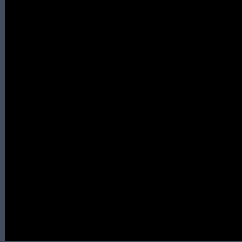
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

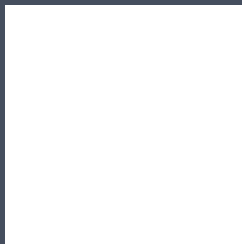
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 77.1330, -10.5000, 3.0680

Background



This preview shows how black text looks on a background with the YIQ color 77.1330, -10.5000, 3.0680.

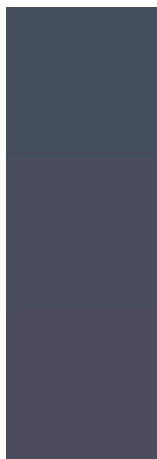


This preview shows how white text looks on a background with the YIQ color 77.1330, -10.5000,

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

77.1330, -10.5000, 3.0680

Protanopia

77.9270, -6.9240, 4.3400

Deuteranopia

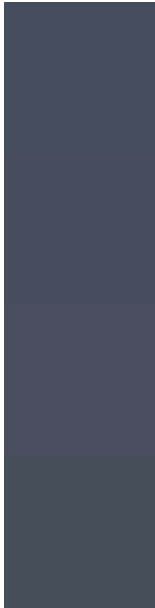
78.0520, -5.7780, 5.5980



Tritanopia

76.2100, -9.3990, -0.3670

Trichromacy



Original Color

77.1330, -10.5000, 3.0680

Protanomaly

77.3290, -8.1160, 3.9160

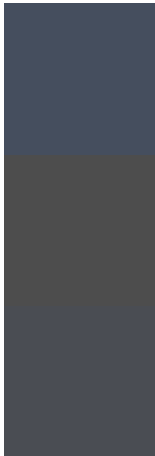
Deuteranomaly

77.7420, -7.8410, 4.4390

Tritanomaly

76.8510, -9.7660, 0.7780

Monochromacy



Original Color

77.1330, -10.5000, 3.0680

Achromatopsia

77.0000, -0.0000, -0.0000

Achromatomaly

76.7870, -3.7140, 1.2300

CSS Examples

Text

The CSS property to change the color of the text to YIQ 77.1330, -10.5000, 3.0680 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(69, 78, 94)` looks like.

```
.text, #text, p{  
    color:rgb(69, 78, 94)  
}
```

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(69, 78, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 78, 94) }
```

Border

The CSS property to change the border of an element to YIQ 77.1330, -10.5000, 3.0680 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(69, 78, 94) }
```


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

```
.border{ border-color:rgb(69, 78, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 78, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 78, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 78, 94);  
box-shadow:4px 4px 4px 4px rgb(69, 78, 94)  
}
```

Background

The CSS property to change the background color of an element to YIQ 77.1330, -10.5000, 3.0680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 78, 94) }
```

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

```
.background{ background-color: rgb(69, 78,  
94) }
```

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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