

Converting Colors

YIQ(74.7070, -17.9280, 5.5280)

Have a look what the booklet for
YIQ(74.7070, -17.9280, 5.5280)
contains.

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Color

**YIQ(74.7070, -17.9280,
5.5280)**

Conversions

Conversions Part 1

Format	Color
Hex	3D4C68
RGB	61, 76, 104
RGB Percent	24%, 30%, 41%
CMY	0.7608, 0.7019, 0.5922
CMYK	0.41, 0.27, 0.00, 0.59
HSL	219°, 26%, 32%
HSV	219°, 41%, 41%
XYZ	7.0066, 7.1607, 14.1033
YIQ	74.7070, -17.9280, 5.5280

Conversions

Conversions Part 2

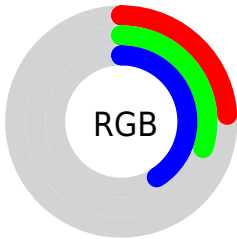
Format	Color
R _Y B	61, 72, 104
Decimal	4017256
CIE Lab	32.17, 2.02, -18.14
CIE LCh	32, 18.253, 276.351
Yxy	7.1607, 0.2478, 0.2533
Android (android.graphics.Color)	4282207336 (0xFF3D4C68)
YUV	74.7070, 14.4414, -12.0210
Hunter-Lab	26.7595, -0.0917, -12.5164

Details

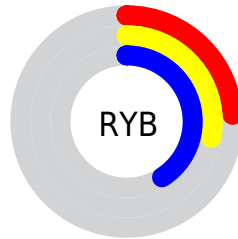
The YIQ color **74.7070, -17.9280, 5.5280** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **90.2930, 17.9280, -5.5280**, and the grayscale version is **75.0000, -0.0000, -0.0000**.

A 20% lighter version of the original color is **123.9350, -18.5700, 6.1500**, and **29.1690, -19.3490, 3.7470** is the 20% darker color. If you saturate the color by 10%, you get **67.6080, -21.9630, 7.0690**, and if you desaturate by 10%, it is **81.8060, -13.8930, 3.9870**.

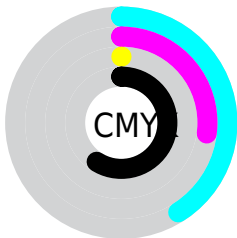
Distribution



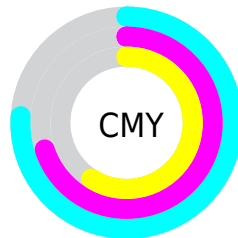
- Red (24%)
- Green (30%)
- Blue (41%)



- Red (24%)
- Yellow (28%)
- Blue (41%)



- Cyan (41%)
- Magenta (27%)
- Yellow (0%)
- Black (59%)



- Cyan (76%)
- Magenta (70%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.7070, -17.9280, 5.5280 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 74.7070, -17.9280, 5.5280 by changing the saturation by 10% instead.

■ 74.7070, -17.9280,
5.5280

■ 74.7070, -17.9280,
5.5280

■ 255.0000, -0.0000,
-0.0000

■ 51.2940, -18.2030,
5.0050

■ 123.9350,
-18.5700, 6.1500

■ 29.1690, -19.3490,
3.7470

■ 150.0490,
-18.8910, 6.4610

■ 8.6860, -13.4350,
6.7010

■ 176.5760,
-18.9370, 7.2950

■ 1.2540, -3.5310,
3.4210

■ 204.2770,
-19.5330, 7.0830

■ 0.0000, 0.0000,
0.0000

■ 231.0230,
-16.0020, 3.6620

■ 252.6080, -4.7680,

-1.6960

■ 74.7070, -17.9280,
5.5280

■ 74.7070, -17.9280,
5.5280

■ 67.6080, -21.9630,
7.0690

■ 81.8060, -13.8930,
3.9870

■ 60.2100, -26.5940,
8.3980

■ 89.2040, -9.2620,
2.6580

■ 53.6980, -30.9040,
9.4160

■ 95.7160, -4.9520,
1.6400

■ 46.3000, -35.5350,
10.7450

■ 103.1140, -0.3210,
0.3110

■ 39.2010, -39.5700,
12.2860

■ 110.2130, 3.7140,
-1.2300

■ 32.9880, -43.2840,
13.5160

■ 117.3120, 7.7490,
-2.7710

■ 124.1230, 12.6550,
-3.5770

■ 131.2220, 16.6900,
-5.1180

■ 138.6200, 21.3210,
-6.4470

Harmonies

Analogous

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



70.2490, -31.4980, -1.8500



74.7070, -17.9280, 5.5280



77.4810, -2.4320, 11.0400

Triad

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



74.7070, -17.9280, 5.5280



76.8520, 24.0240, 5.1440



70.9670, -13.5690, -12.9050

Complementary

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



74.7070, -17.9280, 5.5280



90.2930, 17.9280, -5.5280

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.



72.9210, 1.2400, -11.4640



74.7070, -17.9280, 5.5280



75.7820, 21.0450, -1.4430

Square

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



74.7070, -17.9280, 5.5280



77.5730, 20.6760, 10.7560



74.7870, 13.4810, -7.5350



68.3660, -27.8740, -12.4660

Rectangle

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



74.7070, -17.9280, 5.5280



77.9120, 6.6000, 12.5520



74.7870, 13.4810, -7.5350



71.6040, -8.1130, -12.6650

Sweetspot

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



74.7070, -17.9280, 5.5280



124.3460, -6.7860, 1.8380



89.4330, -20.8130, -13.7810



62.4880, -4.3100, 1.0180



196.0000, -0.0000, -0.0000



69.0000, -0.0000, -0.0000

Same Dimension

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



74.7070, -17.9280, 5.5280



89.1390, -27.8320, 8.8080



67.6960, -10.2270, 14.6450



47.7440, -2.1550, 0.5090



36.5900, -47.9150, 14.8450



77.4830, -101.0570, 30.8070

Inverse Universe

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



75.5670, 20.8130, 13.7810



90.6550, 32.5490, 21.3570



97.3040, 10.2270, -14.6450



47.7230, 2.3380, 1.6820



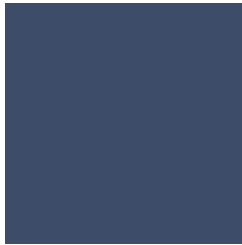
38.9450, 55.7000, 36.8200



82.0480, 116.9470, 77.7390

Previews

White Background



This preview shows how the YIQ color 74.7070, -17.9280, 5.5280 looks on a white background.

Color Contrast Check

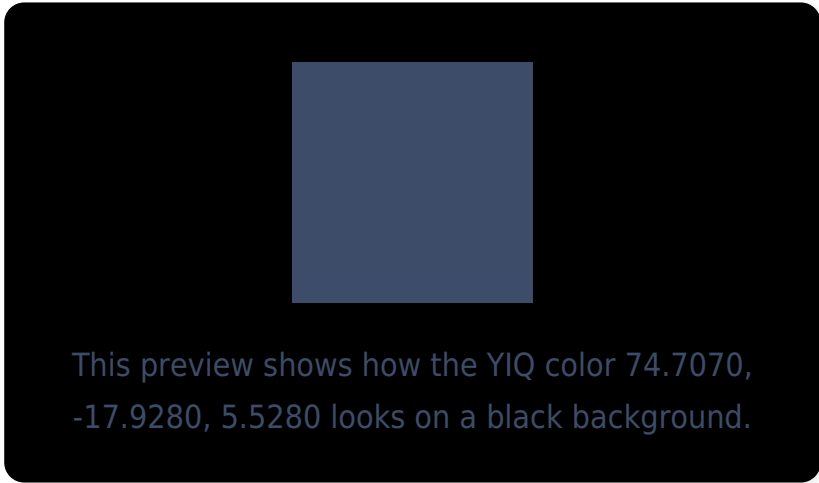
Large Text (above 18pt) WCAG AA ✓ Pass

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

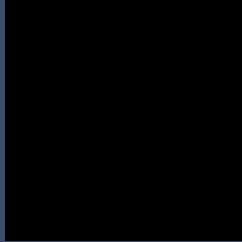
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.7070, -17.9280, 5.5280

Background



This preview shows how black text looks on a background with the YIQ color 74.7070, -17.9280, 5.5280.

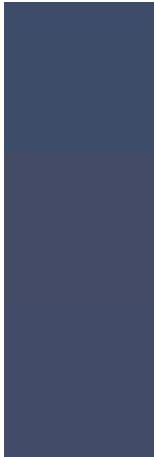


This preview shows how white text looks on a background with the YIQ color 74.7070, -17.9280,

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

74.7070, -17.9280, 5.5280

Protanopia

75.8000, -13.7560, 7.0120

Deuteranopia

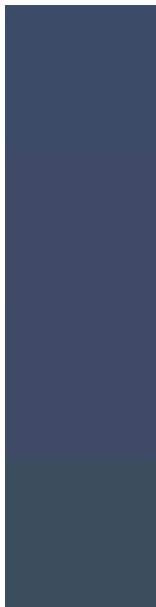
75.6150, -14.6730, 7.1110



Tritanopia

72.9210, -15.9550, -2.6990

Trichromacy



Original Color

74.7070, -17.9280, 5.5280

Protanomaly

75.2020, -14.9480, 6.5880

Deuteranomaly

75.0170, -15.8650, 6.6870

Tritanomaly

73.7300, -16.7350, 0.4250

Monochromacy



Original Color

74.7070, -17.9280, 5.5280

Achromatopsia

75.0000, -0.0000, -0.0000

Achromatomaly

74.7590, -6.5110, 2.3610

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.7070, -17.9280, 5.5280 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(61, 76, 104)` looks like.

```
.text, #text, p{  
    color:rgb(61, 76, 104)  
}
```

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(61, 76, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 76, 104) }
```

Border

The CSS property to change the border of an element to YIQ 74.7070, -17.9280, 5.5280 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(61, 76, 104) }
```


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

```
.border{ border-color:rgb(61, 76, 104) }
```

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

Here you see how a box with a 4 pixel rgb(61, 76, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 76, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 76, 104);  
box-shadow:4px 4px 4px 4px rgb(61, 76,  
104) }
```

Background

The CSS property to change the background color of an element to YIQ 74.7070, -17.9280, 5.5280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 76, 104) }
```

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

```
.background{ background-color: rgb(61, 76,  
104) }
```

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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