

Converting Colors

YIQ(72.3690, -22.7880, 5.5000)

Have a look what the booklet for
YIQ(72.3690, -22.7880, 5.5000)
contains.

YIQ(72.3690, -22.7880, 5.5000)	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(72.3690, -22.7880,
5.5000)**

Conversions

Conversions Part 1

Format	Color
Hex	364B6B
RGB	54, 75, 107
RGB Percent	21%, 29%, 42%
CMY	0.7883, 0.7058, 0.5805
CMYK	0.50, 0.30, 0.00, 0.58
HSL	216°, 33%, 32%
HSV	216°, 50%, 42%
XYZ	6.6899, 6.8783, 14.8769
YIQ	72.3690, -22.7880, 5.5000

Conversions

Conversions Part 2

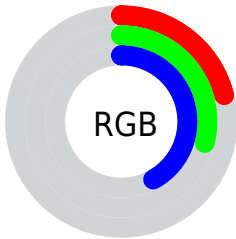
Format	Color
RYB	54, 69, 107
Decimal	3558251
CIELab	31.53, 1.58, -21.06
CIELCh	32, 21.124, 274.284
Yxy	6.8783, 0.2352, 0.2418
Android (android.graphics.Color)	4281748331 (0xFF364B6B)
YUV	72.3690, 17.0731, -16.1096
Hunter-Lab	26.2266, -0.3647, -15.2733

Details

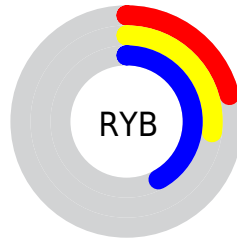
The YIQ color $[72.3690, -22.7880, 5.5000]$ is a dark color, and the websafe version is hex 336699 . A complement of this color would be $[88.6310, 22.7880, -5.5000]$, and the grayscale version is $[72.0000, -0.0000, 0.0000]$.

A 20% lighter version of the original color is $[122.0100, -23.1550, 6.6450]$, and $[25.8090, -27.1430, 1.8250]$ is the 20% darker color. If you saturate the color by 10%, you get $[65.5580, -27.6940, 6.3060]$, and if you desaturate by 10%, it is $[79.1800, -17.8820, 4.6940]$.

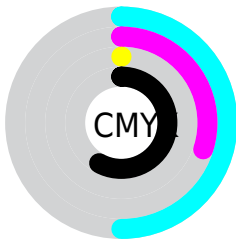
Distribution



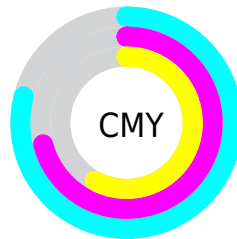
- Red (21%)
- Green (29%)
- Blue (42%)



- Red (21%)
- Yellow (27%)
- Blue (42%)



- Cyan (50%)
- Magenta (30%)
- Yellow (0%)
- Black (58%)



- Cyan (79%)
- Magenta (71%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.3690, -22.7880, 5.5000 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 72.3690, -22.7880, 5.5000 by changing the saturation by 10% instead.

■ 72.3690, -22.7880,
5.5000

■ 72.3690, -22.7880,
5.5000

■ 255.0000, -0.0000,
-0.0000

■ 49.2440, -23.9340,
4.2420

■ 121.8960,
-22.8340, 6.3340

■ 25.8090, -27.1430,
1.8250

■ 147.5370,
-23.2010, 7.4790

■ 8.4410, -14.1230,
8.1570

■ 174.2380,
-23.7970, 7.2670

■ 2.2970, -5.0900,
4.1420

■ 201.7650,
-23.8430, 8.1010

■ 0.0000, 0.0000,
0.0000

■ 228.0550,
-19.0280, 3.4360

■ 250.5150, -8.9400,

-3.1800

■ 72.3690, -22.7880,
5.5000

■ 72.3690, -22.7880,
5.5000

■ 65.5580, -27.6940,
6.3060

■ 79.1800, -17.8820,
4.6940

■ 58.4590, -31.7290,
7.8470

■ 86.2790, -13.8470,
3.1530

■ 51.6480, -36.6350,
8.6530

■ 93.0900, -8.9410,
2.3470

■ 44.2500, -41.2660,
9.9820

■ 100.4880, -4.3100,
1.0180

■ 37.7380, -45.5760,
11.0000

■ 107.0000, -0.0000,
0.0000

■ 36.8520, -45.8970,
11.3110

■ 114.3980, 4.6310,
-1.3290

■ 121.2090, 9.5370,
-2.1350

■ 128.6070, 14.1680,
-3.4640

■ 135.1190, 18.4780,
-4.4820

Harmonies

Analogous

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



65.9920, -41.0800, -4.4080



72.3690, -22.7880, 5.5000



75.7520, -4.6330, 12.3830

Triad

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



72.3690, -22.7880, 5.5000



74.7600, 27.2790, 6.7270



68.3150, -14.6690, -14.9970

Complementary

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



72.3690, -22.7880, 5.5000



88.6310, 22.7880, -5.5000

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.



71.0520, 2.2490, -13.2310



72.3690, -22.7880, 5.5000



74.0490, 24.6670, -1.0050

Square

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



72.3690, -22.7880, 5.5000



75.7090, 23.2890, 12.9610



72.9290, 15.9570, -8.3550



63.6640, -34.7050, -15.3210

Rectangle

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



72.3690, -22.7880, 5.5000



76.3790, 6.7830, 14.7430



72.9290, 15.9570, -8.3550



69.2510, -8.6170, -14.5450

Sweetspot

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



72.3690, -22.7880, 5.5000



126.6770, -9.2160, 1.8240



88.7590, -24.8470, -17.7670



63.3030, -5.2270, 1.1170



199.0000, -0.0000, 0.0000



71.0000, -0.0000, -0.0000

Same Dimension

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



72.3690, -22.7880, 5.5000



86.1320, -35.1220, 8.7660



61.5370, -14.0330, 17.5430



49.8580, -2.4760, 0.8200



40.9270, -50.4820, 11.8060



84.8690, -105.3200, 25.4640

Inverse Universe

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



72.2410, 24.8470, 17.7670



86.1660, 38.6000, 27.3360



99.4630, 14.0330, -17.5430



50.0220, 2.9340, 1.8940



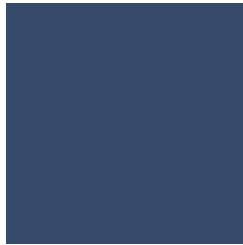
40.3410, 54.6450, 39.4210



84.3130, 114.8830, 82.1070

Previews

White Background



This preview shows how the YIQ color 72.3690, -22.7880, 5.5000 looks on a white background.

Color Contrast Check

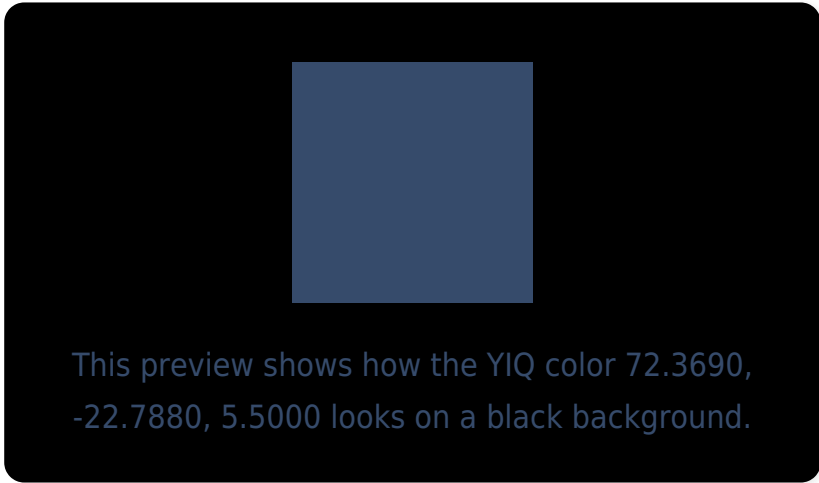
Large Text (above 18pt) WCAG AA ✓ Pass

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

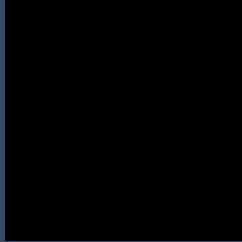
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

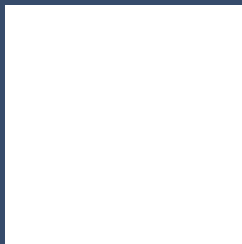
If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 72.3690, -22.7880, 5.5000

Background



This preview shows how black text looks on a background with the YIQ color 72.3690, -22.7880, 5.5000.



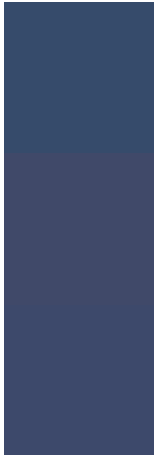
This preview shows how white text looks on a background with the YIQ color 72.3690, -22.7880,

5.5000.

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

72.3690, -22.7880, 5.5000

Protanopia

73.9570, -15.6360, 8.0440

Deuteranopia

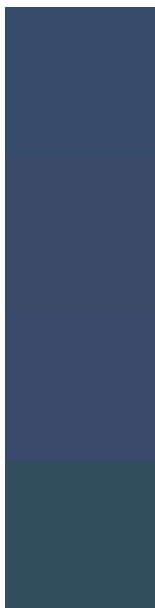
73.2880, -18.0660, 8.0300



Tritanopia

70.2300, -21.3190, -4.6070

Trichromacy



Original Color

72.3690, -22.7880, 5.5000

Protanomaly

73.4620, -18.6160, 6.9840

Deuteranomaly

72.9780, -20.1290, 6.8710

Tritanomaly

71.4520, -21.8240, -0.9600

Monochromacy



Original Color

72.3690, -22.7880, 5.5000

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

71.9760, -8.6200, 2.0360

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.3690, -22.7880, 5.5000 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(54, 75, 107)` looks like.

```
.text, #text, p{  
    color:rgb(54, 75, 107)  
}
```

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(54, 75, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 75, 107) }
```

Border

The CSS property to change the border of an element to YIQ 72.3690, -22.7880, 5.5000 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(54, 75, 107) }
```


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

```
.border{ border-color:rgb(54, 75, 107) }
```

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

Here you see how a box with a 4 pixel rgb(54, 75, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 75, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 75, 107);  
box-shadow:4px 4px 4px 4px rgb(54, 75,  
107) }
```

Background

The CSS property to change the background color of an element to YIQ 72.3690, -22.7880, 5.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 75, 107) }
```

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

```
.background{ background-color: rgb(54, 75,  
107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor