

Converting Colors

YIQ(71.7520, -22.9690, -7.7450)

Have a look what the booklet for
YIQ(71.7520, -22.9690, -7.7450)
contains.

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Color

**YIQ(71.7520, -22.9690,
-7.7450)**

Conversions

Conversions Part 1

Format	Color
Hex	2D5354
RGB	45, 83, 84
RGB Percent	18%, 33%, 33%
CMY	0.8236, 0.6744, 0.6707
CMYK	0.46, 0.01, 0.00, 0.67
HSL	181°, 30%, 25%
HSV	181°, 46%, 33%
XYZ	5.7750, 7.3861, 9.5040
YIQ	71.7520, -22.9690, -7.7450

Conversions

Conversions Part 2

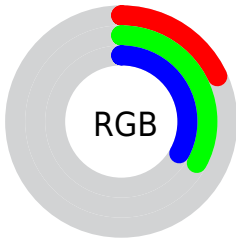
Format	Color
RYB	45, 64, 84
Decimal	2970452
CIELab	32.67, -13.22, -4.80
CIELCh	33, 14.065, 199.972
Yxy	7.3861, 0.2548, 0.3259
Android (android.graphics.Color)	4281160532 (0xFF2D5354)
YUV	71.7520, 6.0383, -23.4615
Hunter-Lab	27.1773, -9.6303, -1.7098

Details

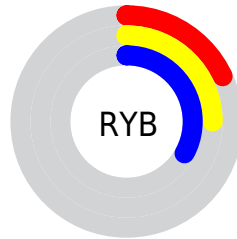
The YIQ color **71.7520, -22.9690, -7.7450** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **57.2480, 22.9690, 7.7450**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **121.3390, -23.2440, -8.2680**, and **26.7520, -22.9690, -7.7450** is the 20% darker color. If you saturate the color by 10%, you get **69.3600, -27.7370, -9.4410**, and if you desaturate by 10%, it is **74.1440, -18.2010, -6.0490**.

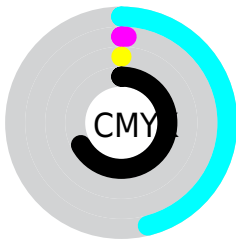
Distribution



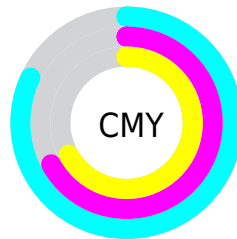
- Red (18%)
- Green (33%)
- Blue (33%)



- Red (18%)
- Yellow (25%)
- Blue (33%)



- Cyan (46%)
- Magenta (1%)
- Yellow (0%)
- Black (67%)



- Cyan (82%)
- Magenta (67%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 71.7520, -22.9690, -7.7450 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 71.7520, -22.9690, -7.7450 by changing the saturation by 10% instead.

71.7520, -22.9690,
-7.7450

71.7520, -22.9690,
-7.7450

255.0000, -0.0000,
-0.0000

48.4530, -23.5650,
-7.9570

121.3390,
-23.2440, -8.2680

26.7520, -22.9690,
-7.7450

147.1540,
-24.1610, -8.1690

12.1450, -10.7740,
-2.9820

173.8550,
-24.7570, -8.3810

0.0000, 0.0000,
0.0000

201.4420,
-25.0320, -8.9040

229.5560,
-25.3530, -8.5930

246.9270,

-16.0920, -5.7240

■ 71.7520, -22.9690,
-7.7450

■ 71.7520, -22.9690,
-7.7450

■ 69.3600, -27.7370,
-9.4410

■ 74.1440, -18.2010,
-6.0490

■ 66.6690, -33.1010,
-11.3490

■ 76.8350, -12.8370,
-4.1410

■ 63.6900, -37.5940,
-12.5220

■ 79.8140, -8.3440,
-2.9680

■ 60.9990, -42.9580,
-14.4300

■ 82.5050, -2.9800,
-1.0600

■ 58.6070, -47.7260,
-16.1260

■ 84.8970, 1.7880,
0.6360

■ 57.7100, -49.5140,
-16.7620

■ 87.2890, 6.5560,
2.3320

■ 89.9800, 11.9200,
4.2400

■ 92.9590, 16.4130,
5.4130

■ 95.6500, 21.7770,
7.3210

Harmonies

Analogous

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



72.8900, -14.6700, -9.4700



71.7520, -22.9690, -7.7450



72.7890, -24.3910, -3.9990

Triad

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



71.7520, -22.9690, -7.7450



78.6510, 2.8410, 9.0890



76.6070, 14.1680, -3.4640

Complementary

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



71.7520, -22.9690, -7.7450



57.2480, 22.9690, 7.7450

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.



77.2210, 18.4310, 1.8790



71.7520, -22.9690, -7.7450



78.7400, 12.8360, 9.6680

Square

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



71.7520, -22.9690, -7.7450



77.3230, -7.9790, 6.9410



78.3830, 18.1550, 6.8830



75.1930, 6.4660, -7.0540

Rectangle

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



71.7520, -22.9690, -7.7450



74.1640, -20.9530, -0.2250



78.3830, 18.1550, 6.8830



77.3300, 16.5060, -1.7820

Sweetspot

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



71.7520, -22.9690, -7.7450



104.6290, -9.2610, -2.8690



68.0070, -11.0460, -20.0860



53.3090, -5.3640, -1.9080



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.



71.7520, -22.9690, -7.7450



90.2880, -36.4020, -12.0980



60.5990, -17.7440, 2.1920



39.8040, -2.3840, -0.8480



71.8440, -61.7550, -20.6910



159.1100, -136.6220, -46.0460

Inverse Universe

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



60.9930, 11.0460, 20.0860



73.3780, 17.6920, 31.8040



68.4010, 17.7440, -2.1920



38.6520, 1.1000, 2.0920



43.0230, 29.8380, 53.9820



95.1320, 65.7260, 119.4700

Previews

White Background



This preview shows how the YIQ color 71.7520, -22.9690, -7.7450 looks on a white background.

Color Contrast Check

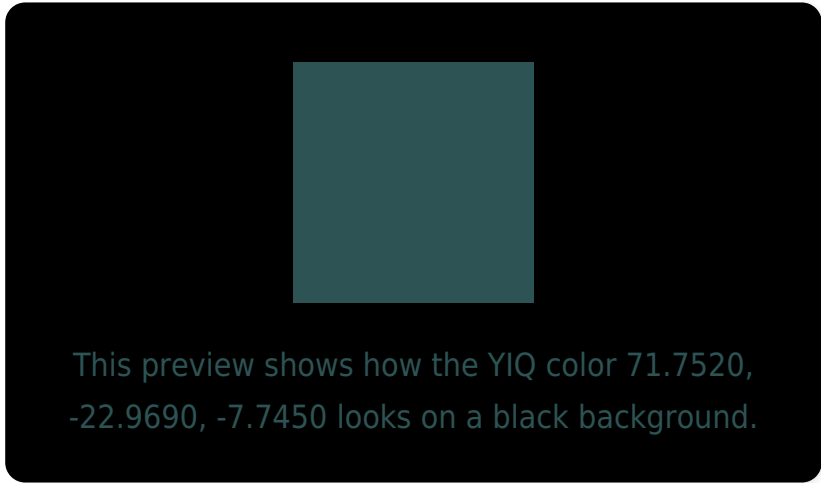
Large Text (above 18pt) WCAG AA ✓ Pass

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

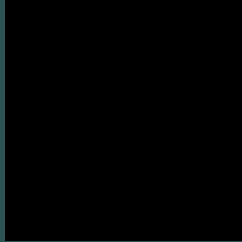
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 71.7520, -22.9690, -7.7450

Background



This preview shows how black text looks on a background with the YIQ color 71.7520, -22.9690, -7.7450.



This preview shows how white text looks on a background with the YIQ color 71.7520, -22.9690,

-7.7450.

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

71.7520, -22.9690, -7.7450

Protanopia

76.7550, -0.6880, 1.4560

Deuteranopia

77.7490, -0.5510, 4.4810



Tritanopia

72.3330, -23.1070, -5.2430

Trichromacy



Original Color

71.7520, -22.9690, -7.7450

Protanomaly

75.0420, -8.9860, -2.3460

Deuteranomaly

75.5090, -8.8030, -0.1550

Tritanomaly

71.8060, -23.0610, -6.0770

Monochromacy



Original Color

71.7520, -22.9690, -7.7450

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

71.8140, -8.3440, -2.9680

CSS Examples

Text

The CSS property to change the color of the text to YIQ 71.7520, -22.9690, -7.7450 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(45, 83, 84)` looks like.

```
.text, #text, p{  
    color:rgb(45, 83, 84)  
}
```

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(45, 83, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 83, 84) }
```

Border

The CSS property to change the border of an element to YIQ 71.7520, -22.9690, -7.7450 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(45, 83, 84) }
```


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

```
.border{ border-color:rgb(45, 83, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 83, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 83, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 83, 84);  
box-shadow:4px 4px 4px 4px rgb(45, 83, 84)  
}
```

Background

The CSS property to change the background color of an element to YIQ 71.7520, -22.9690, -7.7450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 83, 84) }
```

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

```
.background{ background-color: rgb(45, 83,  
84) }
```

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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