

Converting Colors

YIQ(72.1220, -54.3840, 38.4800)

Have a look what the booklet for
YIQ(72.1220, -54.3840, 38.4800)
contains.

YIQ(72.1220, -54.3840, 38.4800)	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(72.1220, -54.3840,
38.4800)**

Conversions

Conversions Part 1

Format	Color
Hex	2C3EC6
RGB	44, 62, 198
RGB Percent	17%, 24%, 78%
CMY	0.8274, 0.7568, 0.2238
CMYK	0.78, 0.69, 0.00, 0.22
HSL	233°, 64%, 47%
HSV	233°, 78%, 78%
XYZ	12.9458, 8.0553, 54.2491
YIQ	72.1220, -54.3840, 38.4800

Conversions

Conversions Part 2

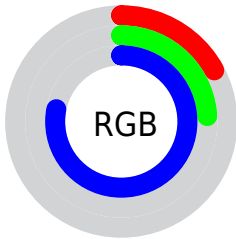
Format	Color
R_{YB}	44, 60, 198
Decimal	2899654
CIE _{Lab}	34.10, 41.32, -72.18
CIE _{LCh}	34, 83.167, 299.789
Yxy	8.0553, 0.1720, 0.1070
Android (android.graphics.Color)	4281089734 (0xFF2C3EC6)
YUV	72.1220, 62.0579, -24.6630
Hunter-Lab	28.3818, 31.7513, -93.4599

Details

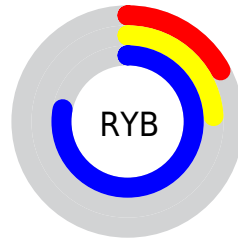
The YIQ color **72.1220, -54.3840, 38.4800** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **169.8780, 54.3840, -38.4800**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **128.0250, -43.5650, 46.1550**, and **27.4550, -51.1280, 34.5360** is the 20% darker color. If you saturate the color by 10%, you get **56.1630, -61.6290, 43.1310**, and if you desaturate by 10%, it is **88.0810, -47.1390, 33.8290**.

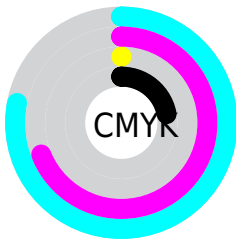
Distribution



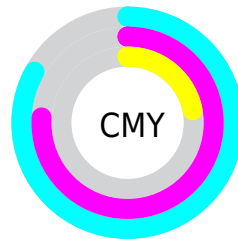
- Red (17%)
- Green (24%)
- Blue (78%)



- Red (17%)
- Yellow (24%)
- Blue (78%)



- Cyan (78%)
- Magenta (69%)
- Yellow (0%)
- Black (22%)



- Cyan (83%)
- Magenta (76%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.1220, -54.3840, 38.4800 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 72.1220, -54.3840, 38.4800 by changing the saturation by 10% instead.

■ 72.1220, -54.3840,
38.4800

■ 72.1220, -54.3840,
38.4800

■ 255.0000, -0.0000,
-0.0000

■ 42.8600, -65.5700,
31.9500

■ 128.0250,
-43.5650, 46.1550

■ 27.4550, -51.1280,
34.5360

■ 152.5560,
-32.2390, 39.1290

■ 13.2240, -37.2360,
36.0760

■ 176.7880,
-21.5090, 31.8910

■ 10.9610, -29.4860,
27.7780

■ 201.9060,
-10.4580, 24.3420

■ 11.6330, -23.1110,
16.8650

■ 227.3120, -0.2780,
16.0580

■ 6.6630, -14.6280,
11.8040

■ 249.7170, 2.4750,

■ 2.9810, -7.0160,

4.7070

6.0080

■ 0.0000, 0.0000,
0.0000

■ 72.1220, -54.3840,
38.4800

■ 72.1220, -54.3840,
38.4800

■ 56.1630, -61.6290,
43.1310

■ 88.0810, -47.1390,
33.8290

■ 39.6170, -68.5990,
48.3050

■ 104.6270,
-40.1690, 28.6550

■ 36.0730, -69.8830,
49.5490

■ 120.2870,
-33.5200, 23.7920

■ 136.8330,
-26.5500, 18.6180

■ 152.7920,
-19.3050, 13.9670

■ 169.3380,
-12.3350, 8.7930

■ 185.2970, -5.0900,
4.1420

■ 201.5440, 1.2840,
-1.2440

■ 217.5030, 8.5290,
-5.8950

Harmonies

Analogous

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



78.0410, -94.3610, 19.5830



72.1220, -54.3840, 38.4800



62.6190, 43.6800, 78.4640

Triad

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



72.1220, -54.3840, 38.4800



70.0800, 76.1080, 8.3640



69.9400, -53.6380, -30.1340

Complementary

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



72.1220, -54.3840, 38.4800



169.8780, 54.3840, -38.4800

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.



59.2870, -27.7750, -52.8230



72.1220, -54.3840, 38.4800



75.3870, 37.5540, -19.8060

Square

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



72.1220, -54.3840, 38.4800



56.3990, 101.4560, 44.5920



61.4570, -13.3340, -44.7100



78.1650, -75.4200, -9.8200

Rectangle

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



72.1220, -54.3840, 38.4800



65.9040, 73.2540, 71.1260



61.4570, -13.3340, -44.7100



66.6170, -45.6590, -37.0750

Sweetspot

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



72.1220, -54.3840, 38.4800



206.8350, -20.8640, 14.6880



149.5600, -85.0430, -39.1790



98.4520, -12.6560, 9.1040



0.0000, 0.0000, 0.0000



128.0000, -0.0000, -0.0000

Same Dimension

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



72.1220, -54.3840, 38.4800



61.4540, -83.7770, 59.0630



78.3000, -16.0580, 59.7660



91.6130, -3.1640, 2.2760



29.7350, -57.5480, 40.7560



6.4520, -12.6560, 9.1040

Inverse Universe

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



92.0980, 86.0060, 38.2460



92.0550, 132.2640, 58.9520



163.4010, 15.4620, -59.9780



92.8050, 5.0430, 2.2190



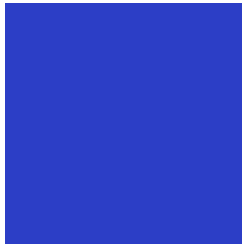
50.9030, 91.0490, 40.4650



11.2200, 20.1720, 8.8760

Previews

White Background



This preview shows how the YIQ color 72.1220, -54.3840, 38.4800 looks on a white background.

Color Contrast Check

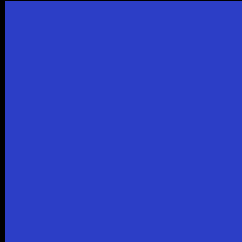
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YIQ color 72.1220, -54.3840, 38.4800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

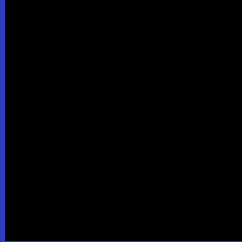
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.1220, -54.3840, 38.4800

Background



This preview shows how black text looks on a background with the YIQ color 72.1220, -54.3840, 38.4800.



This preview shows how white text looks on a background with the YIQ color 72.1220, -54.3840,

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

72.1220, -54.3840, 38.4800

Protanopia

63.6670, -73.1770, 10.1110

Deuteranopia

63.9800, -67.1690, 0.3430



Tritanopia

62.9590, -54.6490, -17.3130

Trichromacy



Original Color

72.1220, -54.3840, 38.4800

Protanomaly

66.9980, -66.4390, 20.1610

Deuteranomaly

67.0490, -62.4490, 13.9270

Tritanomaly

66.2050, -54.5610, 3.1270

Monochromacy



Original Color

72.1220, -54.3840, 38.4800

Achromatopsia

72.0000, -0.0000, 0.0000

Achromatomaly

71.9060, -19.6260, 14.2780

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.1220, -54.3840, 38.4800 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(44, 62, 198)` looks like.

```
.text, #text, p{  
    color:rgb(44, 62, 198)  
}
```

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(44, 62, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(44, 62, 198) }
```

Border

The CSS property to change the border of an element to YIQ 72.1220, -54.3840, 38.4800 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(44, 62, 198) }
```


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

```
.border{ border-color:rgb(44, 62, 198) }
```

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

Here you see how a box with a 4 pixel rgb(44, 62, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(44, 62, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(44, 62, 198);  
box-shadow:4px 4px 4px 4px rgb(44, 62,  
198) }
```

Background

The CSS property to change the background color of an element to YIQ 72.1220, -54.3840, 38.4800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(44, 62, 198) }
```

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

```
.background{ background-color: rgb(44, 62,  
198) }
```

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