

Converting Colors

YIQ(72.5200, -23.3900, 38.4500)

Have a look what the booklet for
YIQ(72.5200, -23.3900, 38.4500)
contains.

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Color

**YIQ(72.5200, -23.3900,
38.4500)**

Conversions

Conversions Part 1

Format	Color
Hex	4A36A4
RGB	74, 54, 164
RGB Percent	29%, 21%, 64%
CMY	0.7097, 0.7883, 0.3570
CMYK	0.55, 0.67, 0.00, 0.36
HSL	251°, 50%, 43%
HSV	251°, 67%, 64%
XYZ	10.8418, 6.7733, 35.8364
YIQ	72.5200, -23.3900, 38.4500

Conversions

Conversions Part 2

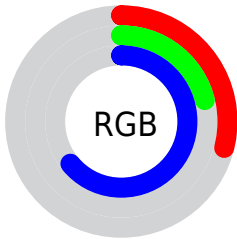
Format	Color
R_{YB}	74, 54, 164
Decimal	4863652
CIE _{Lab}	31.29, 38.67, -56.56
CIE _{LCh}	31, 68.518, 304.363
Yxy	6.7733, 0.2028, 0.1267
Android (android.graphics.Color)	4283053732 (0xFF4A36A4)
YUV	72.5200, 45.0996, 1.2980
Hunter-Lab	26.0256, 28.8156, -63.4227

Details

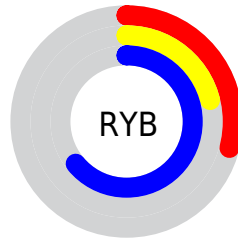
The YIQ color **72.5200, -23.3900, 38.4500** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **145.4800, 23.3900, -38.4500**, and the grayscale version is **72.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **124.1230, -20.5940, 42.8460**, and **17.3500, -37.8310, 30.3370** is the 20% darker color. If you saturate the color by 10%, you get **59.2410, -26.7380, 44.0620**, and if you desaturate by 10%, it is **85.7990, -20.0420, 32.8380**.

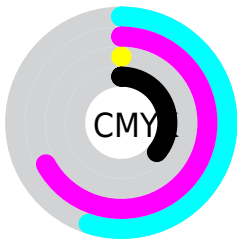
Distribution



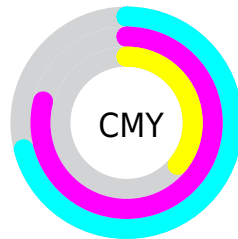
- Red (29%)
- Green (21%)
- Blue (64%)



- Red (29%)
- Yellow (21%)
- Blue (64%)



- Cyan (55%)
- Magenta (67%)
- Yellow (0%)
- Black (36%)



- Cyan (71%)
- Magenta (79%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 72.5200, -23.3900, 38.4500 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 72.5200, -23.3900, 38.4500 by changing the saturation by 10% instead.

72.5200, -23.3900,
38.4500

72.5200, -23.3900,
38.4500

255.0000, -0.0000,
-0.0000

46.6720, -26.8740,
35.5100

124.1230,
-20.5940, 42.8460

17.3500, -37.8310,
30.3370

151.0630,
-20.3650, 44.2030

9.8040, -27.6060,
26.7460

175.6800,
-12.1570, 38.6190

10.0030, -21.2770,
16.6670

200.2000, -2.2980,
30.6460

6.2070, -13.3440,
10.5600

225.6060, 7.8820,
22.3620

2.4110, -5.4110,
4.4530

244.4340, 4.9500,

0.0000, 0.0000,

9.4140

0.0000

■ 72.5200, -23.3900,
38.4500

■ 72.5200, -23.3900,
38.4500

■ 59.2410, -26.7380,
44.0620

■ 85.7990, -20.0420,
32.8380

■ 45.0760, -30.4070,
49.9850

■ 99.9640, -16.3730,
26.9150

■ 31.7970, -33.7550,
55.5970

■ 113.2430,
-13.0250, 21.3030

■ 27.6660, -34.7640,
57.3640

■ 127.4080, -9.3560,
15.3800

■ 140.6870, -6.0080,
9.7680

■ 153.9660, -2.6600,
4.1560

■ 168.1310, 1.0090,
-1.7670

■ 181.4100, 4.3570,
-7.3790

■ 195.5750, 8.0260,
-13.3020

Harmonies

Analogous

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



67.2350, -80.4680, 15.5960



72.5200, -23.3900, 38.4500



55.6540, 44.5990, 67.3110

Triad

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



72.5200, -23.3900, 38.4500



67.6110, 61.0710, 0.0390



64.2980, -51.5300, -24.2820

Complementary

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



72.5200, -23.3900, 38.4500



145.4800, 23.3900, -38.4500

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.



56.3980, -32.0410, -41.5850



72.5200, -23.3900, 38.4500



68.5540, 29.7140, -20.8940

Square

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



72.5200, -23.3900, 38.4500



48.1690, 87.2440, 37.8360



56.4620, -11.7300, -40.7380



71.0410, -69.1390, -8.0110

Rectangle

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



72.5200, -23.3900, 38.4500



57.3450, 67.1580, 60.4540



56.4620, -11.7300, -40.7380



62.2460, -45.7520, -29.8800

Sweetspot

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



72.5200, -23.3900, 38.4500



178.2940, -9.0350, 15.0690



120.5440, -60.6100, -13.9060



85.4590, -5.3660, 9.1460



235.0000, 0.0000, -0.0000



107.0000, -0.0000, 0.0000

Same Dimension

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



72.5200, -23.3900, 38.4500



71.7630, -36.4150, 59.7530



88.3670, 8.1980, 49.6860



74.6240, -1.6970, 3.2230



24.3040, -31.0490, 50.6070



2.9490, -3.9900, 6.2340

Inverse Universe

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



97.1500, 36.6700, 51.3100



110.0890, 56.9760, 79.7920



129.6330, -8.1980, -49.6860



76.4890, 3.1170, 4.0850



56.9210, 48.2210, 67.7490



7.0920, 5.9130, 8.4810

Previews

White Background



This preview shows how the YIQ color 72.5200, -23.3900, 38.4500 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 72.5200, -23.3900, 38.4500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

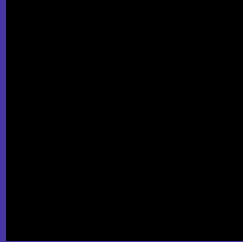
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 72.5200, -23.3900, 38.4500

Background



This preview shows how black text looks on a background with the YIQ color 72.5200, -23.3900, 38.4500.



This preview shows how white text looks on a background with the YIQ color 72.5200, -23.3900,

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

72.5200, -23.3900, 38.4500

Protanopia

58.7770, -67.6750, 9.5170

Deuteranopia

59.3180, -62.3090, 0.3710



Tritanopia

69.8170, -21.5940, -5.1300

Trichromacy



Original Color

72.5200, -23.3900, 38.4500

Protanomaly

63.8980, -51.5380, 19.9340

Deuteranomaly

64.1770, -48.1900, 14.3220

Tritanomaly

70.8300, -22.4680, 10.7160

Monochromacy



Original Color

72.5200, -23.3900, 38.4500

Achromatopsia

73.0000, -0.0000, -0.0000

Achromatomaly

72.6530, -8.6680, 13.9240

CSS Examples

Text

The CSS property to change the color of the text to YIQ 72.5200, -23.3900, 38.4500 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(74, 54, 164)` looks like.

```
.text, #text, p{  
    color:rgb(74, 54, 164)  
}
```

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(74, 54, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 54, 164) }
```

Border

The CSS property to change the border of an element to YIQ 72.5200, -23.3900, 38.4500 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(74, 54, 164) }
```


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

```
.border{ border-color:rgb(74, 54, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 54, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 54, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 54, 164);  
box-shadow:4px 4px 4px 4px rgb(74, 54,  
164) }
```

Background

The CSS property to change the background color of an element to YIQ 72.5200, -23.3900, 38.4500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 54, 164) }
```

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

```
.background{ background-color: rgb(74, 54,  
164) }
```

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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