

Converting Colors

YIQ(74.2080, -23.1120, 22.3920)

Have a look what the booklet for
YIQ(74.2080, -23.1120, 22.3920)
contains.

YIQ(74.2080, -23.1120, 22.3920)	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(74.2080, -23.1120,
22.3920)**

Conversions

Conversions Part 1

Format	Color
Hex	42428A
RGB	66, 66, 138
RGB Percent	26%, 26%, 54%
CMY	0.7411, 0.7412, 0.4590
CMYK	0.52, 0.52, 0.00, 0.46
HSL	240°, 35%, 40%
HSV	240°, 52%, 54%
XYZ	8.7805, 6.8890, 24.8974
YIQ	74.2080, -23.1120, 22.3920

Conversions

Conversions Part 2

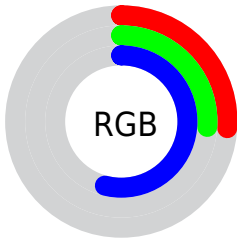
Format	Color
R_{YB}	66, 66, 138
Decimal	4342410
CIE _{Lab}	31.55, 21.06, -40.31
CIE _{LCh}	32, 45.482, 297.583
Yxy	6.8890, 0.2164, 0.1698
Android (android.graphics.Color)	4282532490 (0xFF42428A)
YUV	74.2080, 31.4495, -7.1984
Hunter-Lab	26.2469, 13.7823, -37.8688

Details

The YIQ color **74.2080, -23.1120, 22.3920** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **129.7920, 23.1120, -22.3920**, and the grayscale version is **74.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **124.3870, -22.0580, 25.3180**, and **24.3160, -32.4640, 15.6640** is the 20% darker color. If you saturate the color by 10%, you get **61.8040, -27.6060, 26.7460**, and if you desaturate by 10%, it is **86.6120, -18.6180, 18.0380**.

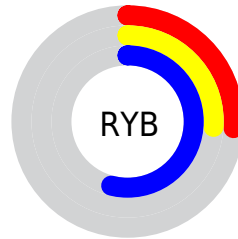
Distribution



Red (26%)

Green (26%)

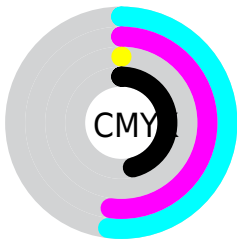
Blue (54%)



Red (26%)

Yellow (26%)

Blue (54%)

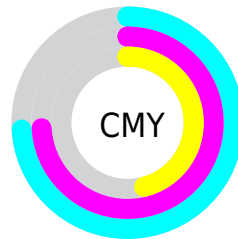


Cyan (52%)

Magenta (52%)

Yellow (0%)

Black (46%)



Cyan (74%)

Magenta (74%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 74.2080, -23.1120, 22.3920 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 74.2080, -23.1120, 22.3920 by changing the saturation by 10% instead.

■ 74.2080, -23.1120,
22.3920

■ 74.2080, -23.1120,
22.3920

■ 255.0000, -0.0000,
-0.0000

■ 50.2570, -24.8080,
20.0880

■ 124.3870,
-22.0580, 25.3180

■ 24.3160, -32.4640,
15.6640

■ 150.3270,
-21.8290, 26.6750

■ 7.2960, -20.5440,
19.9040

■ 177.8540,
-21.8750, 27.5090

■ 6.4350, -13.9860,
11.1820

■ 202.7590,
-14.5380, 21.1900

■ 2.7530, -6.3740,
5.3860

■ 227.8660, -4.9540,
12.6940

■ 0.0000, 0.0000,
0.0000

■ 251.4780, 1.6500,

3.1380

■ 74.2080, -23.1120,
22.3920

■ 74.2080, -23.1120,
22.3920

■ 61.8040, -27.6060,
26.7460

■ 86.6120, -18.6180,
18.0380

■ 49.4000, -32.1000,
31.1000

■ 99.0160, -14.1240,
13.6840

■ 37.8820, -36.2730,
35.1430

■ 110.5340, -9.9510,
9.6410

■ 25.4780, -40.7670,
39.4970

■ 122.9380, -5.4570,
5.2870

■ 15.7320, -44.2980,
42.9180

■ 135.3420, -0.9630,
0.9330

■ 147.7460, 3.5310,
-3.4210

■ 160.1500, 8.0250,
-7.7750

■ 171.6680, 12.1980,
-11.8180

■ 184.0720, 16.6920,
-16.1720

Harmonies

Analogous

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



63.6040, -68.8660, 3.5660



74.2080, -23.1120, 22.3920



75.1440, 18.4710, 34.2070

Triad

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



74.2080, -23.1120, 22.3920



70.1800, 52.0390, -1.4730



60.8100, -47.2200, -25.3000

Complementary

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



74.2080, -23.1120, 22.3920



129.7920, 23.1120, -22.3920

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.



54.8310, -34.5180, -35.2380



74.2080, -23.1120, 22.3920



70.0710, 35.6280, -17.9400

Square

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



74.2080, -23.1120, 22.3920



69.4480, 55.0610, 20.8610



65.4760, 12.0180, -30.5900



64.9140, -58.7760, -14.1040

Rectangle

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



74.2080, -23.1120, 22.3920



71.5500, 37.8190, 35.9870



65.4760, 12.0180, -30.5900



58.8550, -43.0930, -28.5090

Sweetspot

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



74.2080, -23.1120, 22.3920



153.3060, -9.3090, 9.0190



116.4720, -42.9120, -15.2640



73.9380, -5.4570, 5.2870



217.0000, -0.0000, 0.0000



89.0000, -0.0000, -0.0000

Same Dimension

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



74.2080, -23.1120, 22.3920



78.8820, -36.2730, 35.1430



84.9720, -1.6560, 30.0240



62.7980, -2.2470, 2.1770



15.1620, -42.6930, 41.3630



0.5700, -1.6050, 1.5550

Inverse Universe

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



95.7360, 19.8000, 37.6560



112.5550, 31.3960, 58.7880



119.0280, 1.6560, -30.0240



64.8910, 1.9250, 3.6610



54.9290, 36.5750, 69.5590



2.0650, 1.3750, 2.6150

Previews

White Background



This preview shows how the YIQ color 74.2080, -23.1120, 22.3920 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 74.2080, -23.1120, 22.3920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

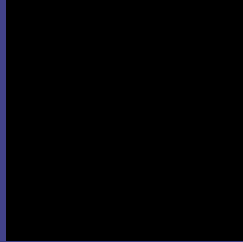
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YIQ 74.2080, -23.1120, 22.3920

Background



This preview shows how black text looks on a background with the YIQ color 74.2080, -23.1120, 22.3920.



This preview shows how white text looks on a background with the YIQ color 74.2080, -23.1120,

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

74.2080, -23.1120, 22.3920

Protanopia

67.9490, -47.5480, 13.7000

Deuteranopia

59.8880, -63.9140, 1.9260



Tritanopia

70.7140, -19.8060, -4.4940

Trichromacy



Original Color

74.2080, -23.1120, 22.3920

Protanomaly

70.4340, -38.6080, 16.8800

Deuteranomaly

64.8300, -48.8310, 9.4170

Tritanomaly

71.7390, -20.9540, 5.3020

Monochromacy



Original Color

74.2080, -23.1120, 22.3920

Achromatopsia

74.0000, -0.0000, 0.0000

Achromatomaly

73.9640, -8.3460, 8.0860

CSS Examples

Text

The CSS property to change the color of the text to YIQ 74.2080, -23.1120, 22.3920 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(66, 66, 138)` looks like.

```
.text, #text, p{  
    color:rgb(66, 66, 138)  
}
```

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(66, 66, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 66, 138) }
```

Border

The CSS property to change the border of an element to YIQ 74.2080, -23.1120, 22.3920 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(66, 66, 138) }
```


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

```
.border{ border-color:rgb(66, 66, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 66, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 66, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 66, 138);  
box-shadow:4px 4px 4px 4px rgb(66, 66,  
138) }
```

Background

The CSS property to change the background color of an element to YIQ 74.2080, -23.1120, 22.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 66, 138) }
```

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

```
.background{ background-color: rgb(66, 66,  
138) }
```

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