

Converting Colors

XYZ(38.5153, 43.8062, 74.1353)

Have a look what the booklet for
XYZ(38.5153, 43.8062, 74.1353)
contains.

XYZ(38.5162, 43.8083, 74.1360)	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

**XYZ(38.5162, 43.8083,
74.1360)**

Conversions

Conversions Part 1

Format	Color
Hex	7DB8DC
RGB	125, 184, 220
RGB Percent	49%, 72%, 86%
CMY	0.5098, 0.2784, 0.1373
CMYK	0.43, 0.16, 0.00, 0.14
HSL	203°, 58%, 68%
HSV	203°, 43%, 86%
XYZ	38.5162, 43.8083, 74.1360
YIQ	170.4630, -46.7200, -1.3120

Conversions

Conversions Part 2

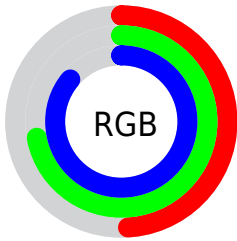
Format	Color
R _{YB}	125, 161, 220
Decimal	8239324
CIE Lab	72.10, -9.74, -24.05
CIE LCh	72, 25.949, 247.956
Yxy	43.8083, 0.2462, 0.2800
Android (android.graphics.Color)	4286429404 (0xFF7DB8DC)
YUV	170.4630, 24.4217, -39.8711
Hunter-Lab	66.1878, -11.9555, -20.0783

Details

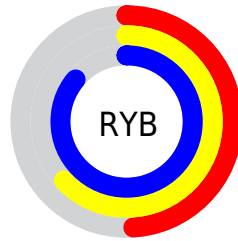
The XYZ color **38.5162, 43.8083, 74.1360** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **45.9627, 42.1870, 25.1238**, and the grayscale version is **38.3393, 40.3359, 43.9258**.

A 20% lighter version of the original color is **68.2661, 79.3639, 106.3285**, and **17.3621, 20.2144, 38.5840** is the 20% darker color. If you saturate the color by 10%, you get **33.9724, 38.9712, 73.4426**, and if you desaturate by 10%, it is **43.8761, 49.2195, 74.8988**.

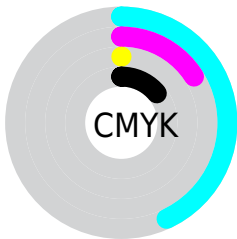
Distribution



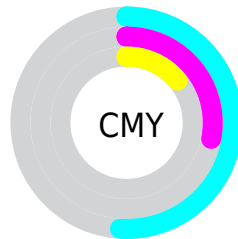
- Red (49%)
- Green (72%)
- Blue (86%)



- Red (49%)
- Yellow (63%)
- Blue (86%)



- Cyan (43%)
- Magenta (16%)
- Yellow (0%)
- Black (14%)



- Cyan (51%)
- Magenta (28%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.5162, 43.8083, 74.1360 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 XYZ color 38.5162, 43.8083, 74.1360 by changing the saturation by 10% instead.

■ 38.5162, 43.8083,
74.1360

■ 38.5162, 43.8083,
74.1360

331.0719,
361.9254, 494.1186

■ 26.5626, 30.5198,
54.4079

■ 72.1975, 80.9292,
126.8244

■ 17.3799, 20.2335,
38.5325

■ 94.6558, 105.5304,
160.6218

■ 10.6027, 12.5649,
26.0912

■ 121.3465,
134.6714, 199.9460

■ 5.8657, 7.1296,
16.6655

152.6348,
168.7364, 245.2156

■ 2.8034, 3.5433,
9.8369

188.8862,
208.1099, 296.8491

■ 1.0507, 1.4215,
5.1867

230.4659,

■ 0.0000, 0.2325,

253.1763, 355.2651

2.2966

277.7394,
304.3200, 420.8821

■ 0.0000, 0.0000,
0.7293

■ 0.0000, 0.0000,
0.0000

■ 38.5162, 43.8083,
74.1360

■ 38.5162, 43.8083,
74.1360

■ 33.9724, 38.9712,
73.4426

■ 43.8761, 49.2195,
74.8988

■ 30.1913, 34.6754,
72.8127

■ 50.0928, 55.2255,
75.7304

■ 27.1193, 30.8913,
72.2442

■ 57.2091, 61.8517,
76.6343

■ 24.6929, 27.5836,
71.7337

■ 65.2634, 69.1204,
77.6128

■ 22.8362, 24.7103,
71.2769

■ 74.2920, 77.0527,
78.6680

■ 21.8122, 22.9550,
70.9921

■ 83.5878, 85.2862,
79.7673

■ 86.0177, 90.1460,
80.5773

■ 88.5608, 95.2322,
81.4250

■ 89.9184, 97.9474,
81.8775

Harmonies

Analogous

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



35.2642, 43.8083, 64.3705



38.5162, 43.8083, 74.1360



42.8311, 43.8083, 76.2379

Triad

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



38.5162, 43.8083, 74.1360



50.6772, 43.8083, 44.3957



36.6060, 43.8083, 30.9041

Complementary

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



38.5162, 43.8083, 74.1360



45.9627, 42.1870, 25.1238

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.



40.4682, 43.8083, 27.3541



38.5162, 43.8083, 74.1360



48.7381, 43.8083, 34.1887

Square

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



38.5162, 43.8083, 74.1360



50.0620, 43.8083, 57.4759



44.9251, 43.8083, 28.4394



34.2172, 43.8083, 39.1002

Rectangle

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



38.5162, 43.8083, 74.1360



45.7695, 43.8083, 72.7157



44.9251, 43.8083, 28.4394



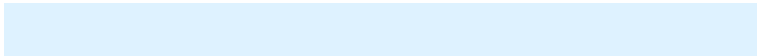
37.7638, 43.8083, 29.2008

Sweetspot

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



38.5176, 43.8100, 74.1370



80.0110, 86.4914, 107.0852



40.3824, 58.0796, 42.2648



16.6277, 18.0550, 22.8585



0.0000, 0.0000, 0.0000



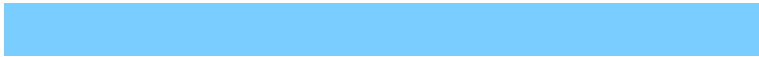
20.3446, 21.4041, 23.3091

Same Dimension

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



38.5176, 43.8100, 74.1370



47.9051, 54.9314, 102.6857



30.4177, 27.6101, 71.4371



13.0088, 13.9574, 16.6605



12.9118, 13.6930, 41.7009



0.9185, 1.0512, 2.7289

Inverse Universe

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



45.5017, 33.3449, 49.3872



59.2384, 39.6734, 62.1369



55.6115, 61.4847, 28.3400



13.3943, 13.1868, 15.3377



20.0126, 10.0061, 14.9783



1.3379, 0.6648, 1.1885

Previews

White Background



This preview shows how the XYZ color 38.5162, 43.8083, 74.1360 looks on a white background.

Color Contrast Check

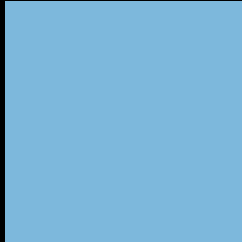
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 38.5162, 43.8083, 74.1360 looks on a black 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

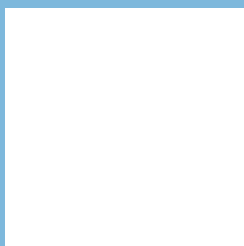
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 38.5162, 43.8083, 74.1360

Background



This preview shows how black text looks on a background with the XYZ color 38.5162, 43.8083, 74.1360.

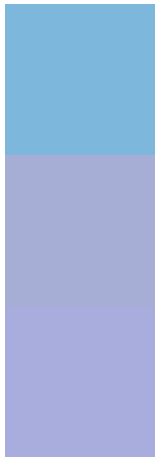


This preview shows how white text looks on a background with the XYZ color 38.5162, 43.8083,

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

38.5162, 43.8083, 74.1360

Protanopia

43.0826, 43.2917, 69.0362

Deuteranopia

44.4906, 43.5961, 75.1772



Tritanopia

36.1767, 43.7980, 62.4243

Trichromacy



Original Color

38.5162, 43.8083, 74.1360

Protanomaly

41.2640, 43.4741, 71.1822

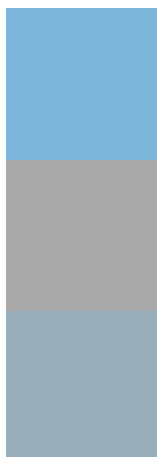
Deuteranomaly

41.9102, 43.4370, 74.5819

Tritanomaly

37.0936, 43.8588, 66.8322

Monochromacy



Original Color

38.5162, 43.8083, 74.1360

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.7335, 41.1608, 53.5330

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5162, 43.8083, 74.1360 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(125, 184, 220)` looks like.

```
.text, #text, p{  
    color:rgb(125, 184, 220)  
}
```

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(125, 184, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 184, 220) }
```

Border

The CSS property to change the border of an element to XYZ 38.5162, 43.8083, 74.1360 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(125, 184, 220) }
```


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

```
.border{ border-color:rgb(125, 184, 220) }
```

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

Here you see how a box with a 4 pixel rgb(125, 184, 220) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 184, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 184, 220);  
box-shadow:4px 4px 4px 4px rgb(125, 184,  
220) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5162, 43.8083, 74.1360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 184, 220) }
```

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

```
.background{ background-color: rgb(125,  
184, 220) }
```

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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