

Converting Colors

XYZ(38.7087, 50.6501, 74.1294)

Have a look what the booklet for
XYZ(38.7087, 50.6501, 74.1294)
contains.

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Color

**XYZ(38.6614, 50.5230,
74.0439)**

Conversions

Conversions Part 1

Format	Color
Hex	5CCDA
RGB	92, 204, 218
RGB Percent	36%, 80%, 85%
CMY	0.6392, 0.2000, 0.1451
CMYK	0.58, 0.06, 0.00, 0.15
HSL	187°, 63%, 61%
HSV	187°, 58%, 85%
XYZ	38.6614, 50.5230, 74.0439
YIQ	172.1080, -71.2460, -19.3900

Conversions

Conversions Part 2

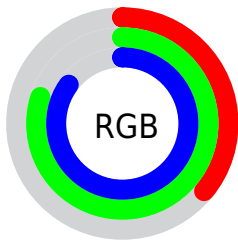
Format	Color
R _Y B	92, 151, 218
Decimal	6081754
CIE Lab	76.39, -27.76, -16.58
CIE LCh	76, 32.338, 210.853
Yxy	50.5230, 0.2369, 0.3095
Android (android.graphics.Color)	4284271834 (0xFF5CCDA)
YUV	172.1080, 22.6248, -70.2547
Hunter-Lab	71.0795, -27.2999, -12.0070

Details

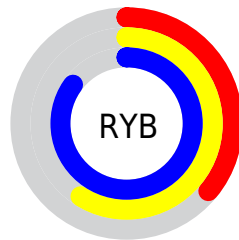
The XYZ color **38.6614, 50.5230, 74.0439** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **36.0004, 25.9875, 13.2454**, and the grayscale version is **39.1838, 41.2244, 44.8934**.

A 20% lighter version of the original color is **66.9469, 85.5123, 107.5848**, and **17.3833, 24.1521, 38.3960** is the 20% darker color. If you saturate the color by 10%, you get **36.2181, 48.4166, 73.7670**, and if you desaturate by 10%, it is **41.7432, 52.9741, 74.3555**.

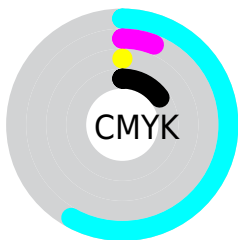
Distribution



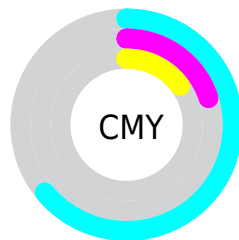
- Red (36%)
- Green (80%)
- Blue (85%)



- Red (36%)
- Yellow (59%)
- Blue (85%)



- Cyan (58%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (64%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.6614, 50.5230, 74.0439 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 38.6614, 50.5230, 74.0439 by changing the saturation by 10% instead.

■ 38.6614, 50.5230,
74.0439

■ 38.6614, 50.5230,
74.0439

331.6808,
388.7077, 493.7923

■ 26.6760, 35.8291,
54.3330

■ 72.4182, 90.9493,
126.6927

■ 17.4653, 24.3023,
38.4729

■ 94.9202, 117.4505,
160.4676

■ 10.6642, 15.5580,
26.0453

■ 121.6584,
148.6563, 199.7675

■ 5.9071, 9.2119,
16.6314

■ 152.9983,
184.9511, 245.0111

■ 2.8288, 4.8797,
9.8129

189.3051,
226.7192, 296.6168

■ 1.0639, 2.1768,
5.1711

230.9442,

■ 0.0000, 0.7073,

274.3451, 355.0033

2.2875

278.2810,
328.2131, 420.5889

■ 0.0000, 0.0000,
0.7242

■ 0.0000, 0.0000,
0.0000

■ 38.6614, 50.5230,
74.0439

■ 38.6614, 50.5230,
74.0439

■ 36.2181, 48.4166,
73.7670

■ 41.7432, 52.9741,
74.3555

■ 34.3533, 46.6204,
73.5186


■ 45.5076, 55.7894,
74.7005


■ 33.0033, 45.1029,
73.2969


■ 50.0004, 58.9935,
75.0822


■ 32.0772, 43.8170,
73.0975


■ 55.2619, 62.6074,
75.5024


 31.8982, 43.5482,
73.0550

 61.3293, 66.6503,
75.9630

 68.2376, 71.1403,
76.4655

 76.0196, 76.0943,
77.0116

 80.3842, 79.3003,
77.4004

 81.0374, 80.6068,
77.6181

Harmonies

Analogous

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



37.2474, 50.5230, 55.5112



38.6614, 50.5230, 74.0439



42.5452, 50.5230, 89.7671

Triad

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



38.6614, 50.5230, 74.0439



58.9796, 50.5230, 72.9958



47.8467, 50.5230, 27.8509

Complementary

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



38.6614, 50.5230, 74.0439



36.0004, 25.9875, 13.2454

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.



53.9467, 50.5230, 30.6312



38.6614, 50.5230, 74.0439



60.6934, 50.5230, 54.5137

Square

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



38.6614, 50.5230, 74.0439



54.2734, 50.5230, 89.0776



58.7801, 50.5230, 39.5557



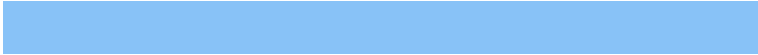
42.2675, 50.5230, 30.9700

Rectangle

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



38.6614, 50.5230, 74.0439



46.1848, 50.5230, 95.1615



58.7801, 50.5230, 39.5557



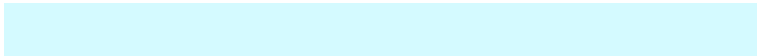
49.9044, 50.5230, 28.1201

Sweetspot

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



38.6630, 50.5249, 74.0451



79.3433, 89.6506, 107.7302



32.0156, 53.4310, 21.8845



16.6345, 18.9532, 23.0316



0.0000, 0.0000, 0.0000



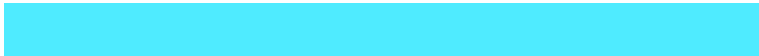
20.3446, 21.4041, 23.3091

Same Dimension

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



38.6630, 50.5249, 74.0451



51.1165, 68.5601, 105.1470



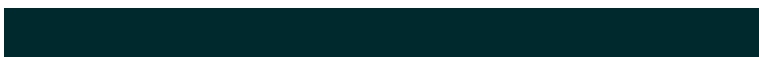
26.8026, 26.8042, 70.0917



13.3149, 14.5695, 16.7626



19.1595, 26.1885, 43.7835



1.2772, 1.7686, 2.8485

Inverse Universe

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



43.6410, 26.9208, 60.0248



59.1004, 32.8835, 82.1721



44.7754, 43.5375, 16.1704



13.5488, 13.2486, 16.1513



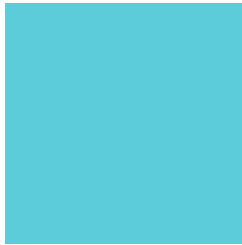
23.1662, 11.2675, 31.5847



1.5190, 0.7372, 2.1418

Previews

White Background



This preview shows how the XYZ color 38.6614, 50.5230, 74.0439 looks on a white background.

Color Contrast Check

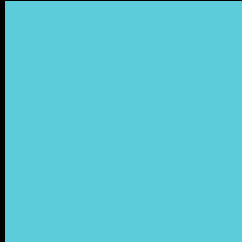
Large Text (above 18pt) WCAG AA × Fail

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 38.6614, 50.5230, 74.0439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

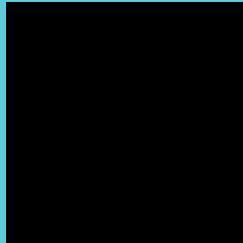
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.6614, 50.5230, 74.0439

Background



This preview shows how black text looks on a background with the XYZ color 38.6614, 50.5230, 74.0439.



This preview shows how white text looks on a background with the XYZ color 38.6614, 50.5230,

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

38.6614, 50.5230, 74.0439

Protanopia

48.7071, 49.8883, 65.4548

Deuteranopia

50.9918, 49.8861, 76.7535



Tritanopia

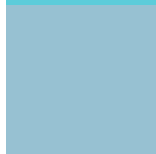
39.0253, 50.6802, 75.4356

Trichromacy



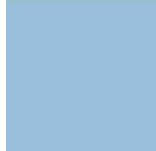
Original Color

38.6614, 50.5230, 74.0439



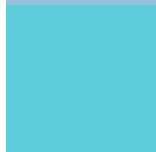
Protanomaly

43.4653, 49.3724, 68.2117



Deuteranomaly

44.8188, 49.2544, 75.5515



Tritanomaly

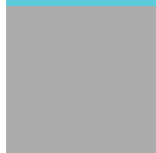
38.8932, 50.6274, 74.7400

Monochromacy



Original Color

38.6614, 50.5230, 74.0439



Achromatopsia

39.2122, 41.2543, 44.9259



Achromatomaly

37.6535, 43.7947, 54.6128

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.6614, 50.5230, 74.0439 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(92, 204, 218)` looks like.

```
.text, #text, p{  
    color:rgb(92, 204, 218)  
}
```

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(92, 204, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 204, 218) }
```

Border

The CSS property to change the border of an element to XYZ 38.6614, 50.5230, 74.0439 is called "border". The border property can be set on classes, ids or directly on the HTML element.

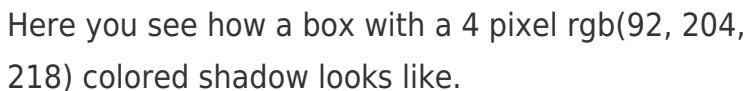
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(92, 204, 218) }
```


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

```
.border{ border-color:rgb(92, 204, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(92, 204, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(92, 204, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(92, 204, 218); box-shadow:4px 4px 4px 4px rgb(92, 204, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 38.6614, 50.5230, 74.0439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 204, 218) }
```

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

```
.background{ background-color: rgb(92, 204,  
218) }
```

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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