

Converting Colors

XYZ(38.0664, 47.0080, 79.0186)

Have a look what the booklet for
XYZ(38.0664, 47.0080, 79.0186)
contains.

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Color

**XYZ(38.0664, 47.0080,
79.0186)**

Conversions

Conversions Part 1

Format	Color
Hex	60C3E2
RGB	96, 195, 226
RGB Percent	38%, 76%, 89%
CMY	0.6235, 0.2353, 0.1137
CMYK	0.58, 0.14, 0.00, 0.11
HSL	194°, 69%, 63%
HSV	194°, 58%, 89%
XYZ	38.0664, 47.0080, 79.0186
YIQ	168.9330, -68.9550, -11.3470

Conversions

Conversions Part 2

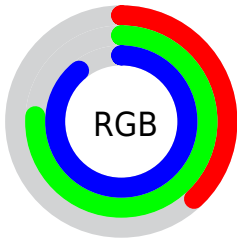
Format	Color
RYB	96, 152, 226
Decimal	6341602
CIELab	74.19, -20.21, -24.22
CIELCh	74, 31.548, 230.153
Yxy	47.0080, 0.2320, 0.2865
Android (android.graphics.Color)	4284531682 (0xFF60C3E2)
YUV	168.9330, 28.1340, -63.9622
Hunter-Lab	68.5624, -20.8795, -20.3385

Details

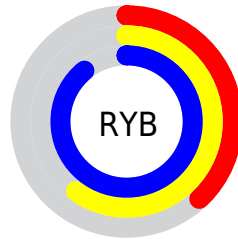
The XYZ color **38.0664, 47.0080, 79.0186** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **41.0659, 32.1934, 15.1173**, and the grayscale version is **37.5702, 39.5267, 43.0446**.

A 20% lighter version of the original color is **66.5707, 83.9087, 107.2951**, and **17.1250, 22.1186, 41.8948** is the 20% darker color. If you saturate the color by 10%, you get **34.8361, 43.5833, 78.5287**, and if you desaturate by 10%, it is **42.0266, 50.8756, 79.5573**.

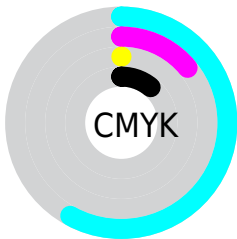
Distribution



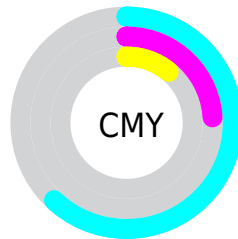
- Red (38%)
- Green (76%)
- Blue (89%)



- Red (38%)
- Yellow (60%)
- Blue (89%)



- Cyan (58%)
- Magenta (14%)
- Yellow (0%)
- Black (11%)



- Cyan (62%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.0664, 47.0080, 79.0186 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 38.0664, 47.0080, 79.0186 by changing the saturation by 10% instead.

■ 38.0664, 47.0080,
79.0186

■ 38.0664, 47.0080,
79.0186

329.1807,
374.8465, 511.2385

■ 26.2117, 33.0420,
58.3897

■ 71.5131, 85.7256,
133.7839

■ 17.1156, 22.1586,
41.7052

■ 93.8359, 111.2459,
168.7575

■ 10.4127, 13.9735,
28.5467

■ 120.3786,
141.3865, 209.3496

■ 5.7378, 8.1022,
18.4956

■ 151.5068,
176.5316, 255.9789

■ 2.7255, 4.1604,
11.1333

187.5858,
217.0658, 309.0639

■ 1.0103, 1.7637,
6.0412

228.9808,

■ 0.0000, 0.4644,

263.3734, 369.0232

2.8010

276.0573,
315.8389, 436.2752

■ 0.0000, 0.0000,
0.9939

■ 0.0000, 0.0000,
0.0000

■ 38.0664, 47.0080,
79.0186

■ 38.0664, 47.0080,
79.0186

■ 34.8361, 43.5833,
78.5287

■ 42.0266, 50.8756,
79.5573

■ 32.2703, 40.5643,
78.0812

■ 46.7659, 55.2092,
80.1440

■ 30.2993, 37.9152,
77.6738

■ 52.3342, 60.0362,
80.7822

■ 28.8271, 35.5859,
77.3017

■ 58.7757, 65.3801,
81.4741

■ 28.5011, 35.0379,
77.2132

■ 66.1316, 71.2626,
82.2219

■ 74.4404, 77.7043,
83.0273

■ 83.7381, 84.7243,
83.8923

■ 85.5760, 87.9678,
84.4215

■ 87.1696, 91.1551,
84.9527

Harmonies

Analogous

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



35.2267, 47.0080, 62.6836



38.0664, 47.0080, 79.0186



42.8452, 47.0080, 88.4194

Triad

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



38.0664, 47.0080, 79.0186



56.2762, 47.0080, 56.6982



41.0361, 47.0080, 27.1558

Complementary

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



38.0664, 47.0080, 79.0186



41.0659, 32.1934, 15.1173

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.



46.5658, 47.0080, 26.2177



38.0664, 47.0080, 79.0186



55.6885, 47.0080, 41.1841

Square

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



38.0664, 47.0080, 79.0186



53.5617, 47.0080, 73.8505



52.0177, 47.0080, 30.7990



36.8383, 47.0080, 33.7060

Rectangle

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



38.0664, 47.0080, 79.0186



46.6246, 47.0080, 88.3778



52.0177, 47.0080, 30.7990



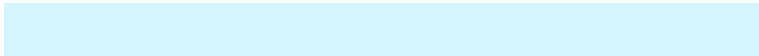
42.7897, 47.0080, 26.2361

Sweetspot

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



38.0679, 47.0097, 79.0197



77.6511, 86.2661, 107.1661



35.8089, 58.3956, 29.2374



16.2314, 18.1471, 22.8972



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.



38.0679, 47.0097, 79.0197



45.0838, 56.4949, 103.1362



26.6244, 24.1226, 75.2052



13.8251, 14.9894, 17.5523



16.3557, 20.1811, 44.0817



1.2012, 1.5339, 3.0780

Inverse Universe

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



45.3985, 28.4760, 54.7352



56.0554, 31.6655, 66.1375



52.1801, 54.4218, 18.8221



14.1480, 13.8768, 16.5493



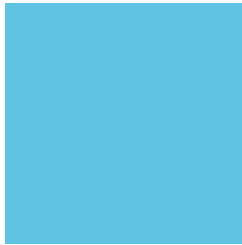
22.1958, 10.9453, 23.4947



1.5726, 0.7723, 1.8080

Previews

White Background



This preview shows how the XYZ color 38.0664, 47.0080, 79.0186 looks on a white background.

Color Contrast Check

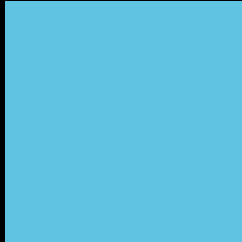
Large Text (above 18pt) WCAG AA × Fail

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 38.0664, 47.0080, 79.0186 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 38.0664, 47.0080, 79.0186

Background



This preview shows how black text looks on a background with the XYZ color 38.0664, 47.0080, 79.0186.



This preview shows how white text looks on a background with the XYZ color 38.0664, 47.0080,

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

38.0664, 47.0080, 79.0186

Protanopia

46.0426, 46.5475, 70.8478

Deuteranopia

47.6589, 46.5526, 81.3366



Tritanopia

36.2909, 46.9607, 70.1024

Trichromacy



Original Color

38.0664, 47.0080, 79.0186

Protanomaly

41.9892, 45.9234, 73.6689

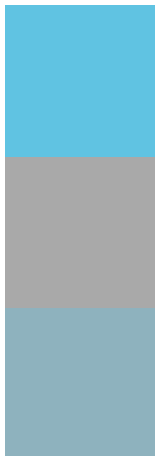
Deuteranomaly

43.1374, 46.0491, 80.7435

Tritanomaly

36.9090, 46.8690, 73.4310

Monochromacy



Original Color

38.0664, 47.0080, 79.0186

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

36.3700, 41.3093, 54.7718

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.0664, 47.0080, 79.0186 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(96, 195, 226)` looks like.

```
.text, #text, p{  
    color:rgb(96, 195, 226)  
}
```

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(96, 195, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 195, 226) }
```

Border

The CSS property to change the border of an element to XYZ 38.0664, 47.0080, 79.0186 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(96, 195, 226) }
```


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

```
.border{ border-color:rgb(96, 195, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 195, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 195, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 195, 226);  
box-shadow:4px 4px 4px 4px rgb(96, 195,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 38.0664, 47.0080, 79.0186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 195, 226) }
```

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

```
.background{ background-color: rgb(96, 195,  
226) }
```

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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