

Converting Colors

XYZ(37.8357, 42.1339, 64.2740)

Have a look what the booklet for
XYZ(37.8357, 42.1339, 64.2740)
contains.

XYZ(37.9081, 42.1854, 64.5371)	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(37.9081, 42.1854,
64.5371)**

Conversions

Conversions Part 1

Format	Color
Hex	8BB3CE
RGB	139, 179, 206
RGB Percent	55%, 70%, 81%
CMY	0.4549, 0.2980, 0.1922
CMYK	0.33, 0.13, 0.00, 0.19
HSL	204°, 41%, 68%
HSV	204°, 33%, 81%
XYZ	37.9081, 42.1854, 64.5371
YIQ	170.1180, -32.5070, -0.0830

Conversions

Conversions Part 2

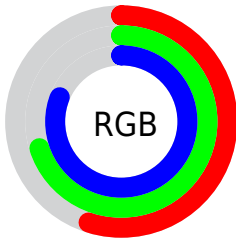
Format	Color
RYB	139, 164, 206
Decimal	9155534
CIELab	71.00, -6.95, -18.00
CIELCh	71, 19.298, 248.896
Yxy	42.1854, 0.2621, 0.2917
Android (android.graphics.Color)	4287345614 (0xFF8BB3CE)
YUV	170.1180, 17.6898, -27.2905
Hunter-Lab	64.9503, -9.4819, -13.4476

Details

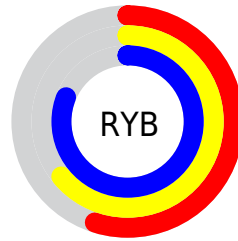
The XYZ color **37.9081, 42.1854, 64.5371** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **43.7506, 42.2587, 30.2780**, and the grayscale version is **38.1945, 40.1836, 43.7599**.

A 20% lighter version of the original color is **70.0065, 78.1060, 105.9940**, and **16.9661, 19.1671, 32.5112** is the 20% darker color. If you saturate the color by 10%, you get **33.1735, 37.3496, 63.8540**, and if you desaturate by 10%, it is **43.3936, 47.5590, 65.2859**.

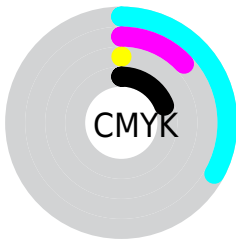
Distribution



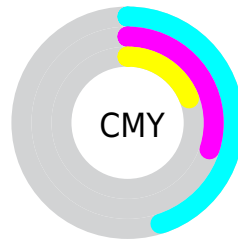
- Red (55%)
- Green (70%)
- Blue (81%)



- Red (55%)
- Yellow (64%)
- Blue (81%)



- Cyan (33%)
- Magenta (13%)
- Yellow (0%)
- Black (19%)



- Cyan (45%)
- Magenta (30%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.9081, 42.1854, 64.5371 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 37.9081, 42.1854, 64.5371 by changing the saturation by 10% instead.

■ 37.9081, 42.1854,
64.5371

■ 37.9081, 42.1854,
64.5371

328.5133,
355.2509, 459.3872

■ 26.0883, 29.2465,
46.6369

■ 71.2721, 78.4801,
112.9910

■ 17.0227, 19.2674,
32.3964

■ 93.5469, 102.6048,
144.3817

■ 10.3461, 11.8636,
21.3971

■ 120.0374,
131.2268, 181.1064

■ 5.6930, 6.6509,
13.2205

151.1091,
164.7305, 223.5835

■ 2.6982, 3.2447,
7.4481

187.1271,
203.5004, 272.2316

■ 0.9963, 1.2608,
3.6612

228.4569,

■ 0.0000, 0.1105,

247.9208, 327.4692

1.4414

275.4638,
298.3762, 389.7149

■ 0.0000, 0.0000,
0.1737

■ 0.0000, 0.0000,
0.0000

■ 37.9081, 42.1854,
64.5371

■ 37.9081, 42.1854,
64.5371

■ 33.1735, 37.3496,
63.8540

■ 43.3936, 47.5590,
65.2859

■ 29.1476, 33.0243,
63.2313

■ 49.6614, 53.4861,
66.0996

■ 25.7898, 29.1869,
62.6676

■ 56.7458, 59.9878,
66.9812

■ 23.0534, 25.8105,
62.1601

■ 64.6778, 67.0826,
67.9325

■ 20.8850, 22.8647,
61.7058

■ 73.4866, 74.7878,
68.9555

■ 19.2206, 20.3138,
61.3011

■ 80.3473, 81.6495,
69.9184

■ 18.2225, 18.6200,
61.0268

■ 82.6969, 86.3487,
70.7016

■ 85.1578, 91.2704,
71.5219

■ 87.7314, 96.4176,
72.3797

Harmonies

Analogous

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



35.4685, 42.1854, 57.9884



37.9081, 42.1854, 64.5371



41.0609, 42.1854, 65.7690

Triad

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



37.9081, 42.1854, 64.5371



46.5281, 42.1854, 43.2453



36.3332, 42.1854, 33.4702

Complementary

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



37.9081, 42.1854, 64.5371



43.7506, 42.2587, 30.2780

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.



39.1462, 42.1854, 30.5493



37.9081, 42.1854, 64.5371



45.1094, 42.1854, 35.6757

Square

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



37.9081, 42.1854, 64.5371



46.1529, 42.1854, 52.6164



42.3664, 42.1854, 31.2988



34.5936, 42.1854, 39.8405

Rectangle

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



37.9081, 42.1854, 64.5371



43.1623, 42.1854, 63.2682



42.3664, 42.1854, 31.2988



37.1784, 42.1854, 32.0939

Sweetspot

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



37.9094, 42.1871, 64.5381



83.0920, 89.0986, 107.4261



39.5843, 52.3782, 44.0050



17.4491, 18.7595, 22.9512



0.0000, 0.0000, 0.0000



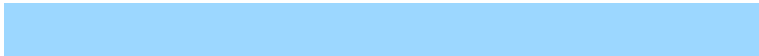
20.3446, 21.4041, 23.3091

Same Dimension

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



37.9094, 42.1871, 64.5381



55.9549, 62.8061, 103.7814



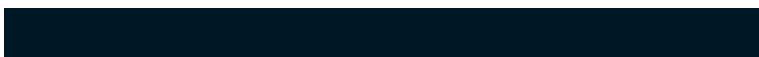
32.0217, 30.4117, 62.5755



11.1493, 11.9391, 14.2872



11.3180, 11.6600, 37.6104



0.6571, 0.7479, 1.9647

Inverse Universe

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



42.8239, 34.8428, 47.1179



65.3093, 49.7887, 70.4079



50.6071, 55.9717, 32.5635



11.4887, 11.3242, 13.1083



17.9237, 8.9801, 12.5829



0.9616, 0.4780, 0.8437

Previews

White Background



This preview shows how the XYZ color 37.9081, 42.1854, 64.5371 looks on a white background.

Color Contrast Check

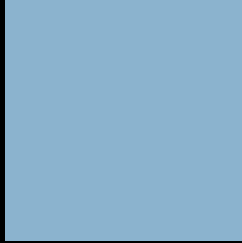
Large Text (above 18pt) WCAG AA × Fail

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 37.9081, 42.1854, 64.5371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

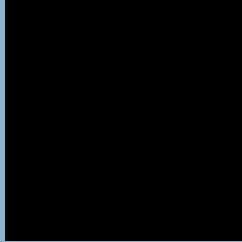
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.9081, 42.1854, 64.5371

Background



This preview shows how black text looks on a background with the XYZ color 37.9081, 42.1854, 64.5371.



This preview shows how white text looks on a background with the XYZ color 37.9081, 42.1854,

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

37.9081, 42.1854, 64.5371

Protanopia

41.4436, 42.0469, 61.1899

Deuteranopia

42.8067, 41.8142, 65.4893



Tritanopia

36.6907, 42.3062, 57.8619

Trichromacy



Original Color

37.9081, 42.1854, 64.5371

Protanomaly

40.0141, 42.1398, 62.5247

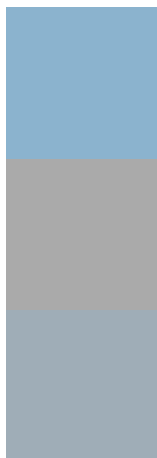
Deuteranomaly

40.9040, 41.9692, 64.9765

Tritanomaly

37.1113, 42.1693, 60.2163

Monochromacy



Original Color

37.9081, 42.1854, 64.5371

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

37.7889, 40.6770, 50.6595

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.9081, 42.1854, 64.5371 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(139, 179, 206)` looks like.

```
.text, #text, p{  
    color:rgb(139, 179, 206)  
}
```

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(139, 179, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 179, 206) }
```

Border

The CSS property to change the border of an element to XYZ 37.9081, 42.1854, 64.5371 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(139, 179, 206) }
```


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

```
.border{ border-color:rgb(139, 179, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 179, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 179, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 179, 206);  
box-shadow:4px 4px 4px 4px rgb(139, 179,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 37.9081, 42.1854, 64.5371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 179, 206) }
```

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

```
.background{ background-color: rgb(139,  
179, 206) }
```

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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