

Converting Colors

XYZ(38.6423, 43.4126, 64.1190)

Have a look what the booklet for
XYZ(38.6423, 43.4126, 64.1190)
contains.

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Color

**XYZ(38.7319, 43.5264,
64.1177)**

Conversions

Conversions Part 1

Format	Color
Hex	8DB6CD
RGB	141, 182, 205
RGB Percent	55%, 71%, 80%
CMY	0.4470, 0.2863, 0.1961
CMYK	0.31, 0.11, 0.00, 0.20
HSL	202°, 39%, 68%
HSV	202°, 31%, 80%
XYZ	38.7319, 43.5264, 64.1177
YIQ	172.3630, -31.8190, -1.5390

Conversions

Conversions Part 2

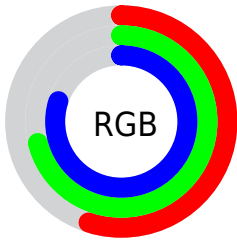
Format	Color
RYB	141, 166, 205
Decimal	9287373
CIELab	71.91, -8.23, -16.07
CIELCh	72, 18.053, 242.866
Yxy	43.5264, 0.2646, 0.2974
Android (android.graphics.Color)	4287477453 (0xFF8DB6CD)
YUV	172.3630, 16.0900, -27.5054
Hunter-Lab	65.9745, -10.6628, -11.4391

Details

The XYZ color **38.7319, 43.5264, 64.1177** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.2607, 41.4536, 30.9217**, and the grayscale version is **39.3302, 41.3784, 45.0611**.

A 20% lighter version of the original color is **71.3895, 80.1048, 106.3069**, and **17.4607, 20.0096, 32.2201** is the 20% darker color. If you saturate the color by 10%, you get **34.0946, 38.9557, 63.4806**, and if you desaturate by 10%, it is **44.0964, 48.5919, 64.8134**.

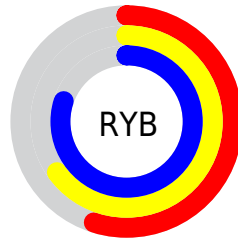
Distribution



Red (55%)

Green (71%)

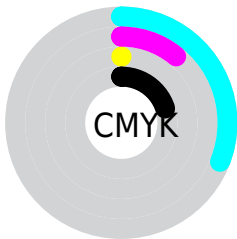
Blue (80%)



Red (55%)

Yellow (65%)

Blue (80%)

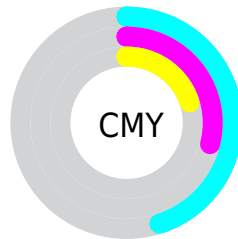


Cyan (31%)

Magenta (11%)

Yellow (0%)

Black (20%)



Cyan (45%)

Magenta (29%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.7319, 43.5264, 64.1177 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 38.7319, 43.5264, 64.1177 by changing the saturation by 10% instead.

■ 38.7319, 43.5264,
64.1177

■ 38.7319, 43.5264,
64.1177

331.9761,
360.7721, 457.8337

■ 26.7310, 30.2984,
46.2992

■ 72.5253, 80.5046,
112.3815

■ 17.5068, 20.0652,
32.1316

■ 95.0485, 105.0236,
143.6639

■ 10.6941, 12.4424,
21.1964

121.8098,
134.0750, 180.2714

■ 5.9273, 7.0457,
13.0750

153.1746,
168.0432, 222.6225

■ 2.8411, 3.4907,
7.3489

189.5083,
207.3126, 271.1357

■ 1.0703, 1.3930,
3.5995

231.1762,

■ 0.0001, 0.2115,

252.2676, 326.2296

1.4083

278.5437,
303.2927, 388.3228

■ 0.0000, 0.0000,
0.1482

■ 0.0000, 0.0000,
0.0000

■ 38.7319, 43.5264,
64.1177

■ 38.7319, 43.5264,
64.1177

■ 34.0946, 38.9557,
63.4806

■ 44.0964, 48.5919,
64.8134

■ 30.1437, 34.8538,
62.8971

■ 50.2183, 54.1664,
65.5668

■ 26.8401, 31.1999,
62.3659

■ 57.1306, 60.2697,
66.3805

■ 24.1389, 27.9688,
61.8847

■ 64.8633, 66.9189,
67.2564

■ 21.9890, 25.1323,
61.4505

■ 73.4448, 74.1302,
68.1960

■ 20.3294, 22.6570,
61.0602

■ 79.5114, 80.1714,
69.0423

■ 19.1809, 20.7304,
60.7488

■ 81.5602, 84.2691,
69.7253

■ 83.6963, 88.5412,
70.4373

■ 85.9205, 92.9896,
71.1787

Harmonies

Analogous

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



36.6000, 43.5264, 57.1897



38.7319, 43.5264, 64.1177



41.6669, 43.5264, 66.3982

Triad

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



38.7319, 43.5264, 64.1177



47.5617, 43.5264, 46.5512



38.2439, 43.5264, 34.5443

Complementary

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



38.7319, 43.5264, 64.1177



43.2607, 41.4536, 30.9217

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.



41.0756, 43.5264, 32.4116



38.7319, 43.5264, 64.1177



46.5386, 43.5264, 38.7840

Square

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



38.7319, 43.5264, 64.1177



46.8591, 43.5264, 55.5435



44.1264, 43.5264, 33.8630



36.3282, 43.5264, 40.0813

Rectangle

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



38.7319, 43.5264, 64.1177



43.7110, 43.5264, 64.7719



44.1264, 43.5264, 33.8630



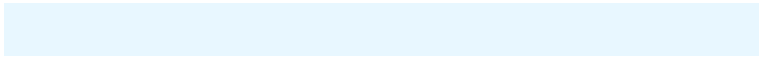
39.1151, 43.5264, 33.4388

Sweetspot

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



38.7332, 43.5281, 64.1187



84.5302, 90.7547, 107.6699



39.4636, 51.9850, 42.7938



17.7509, 19.1200, 23.0049



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.



38.7332, 43.5281, 64.1187



58.5592, 66.5241, 104.3618



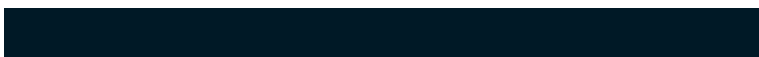
33.0073, 32.0763, 62.2101



11.1910, 12.0225, 14.3011



12.0334, 13.0908, 37.8488



0.6910, 0.8158, 1.9760

Inverse Universe

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



43.1463, 35.4074, 48.8181



66.9877, 51.8531, 74.9513



49.5903, 54.1129, 33.0315



11.5098, 11.3326, 13.2191



18.2848, 9.1245, 14.4844



0.9788, 0.4849, 0.9340

Previews

White Background



This preview shows how the XYZ color 38.7319, 43.5264, 64.1177 looks on a white background.

Color Contrast Check

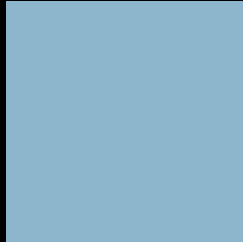
Large Text (above 18pt) WCAG AA × Fail

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 38.7319, 43.5264, 64.1177 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 38.7319, 43.5264, 64.1177

Background



This preview shows how black text looks on a background with the XYZ color 38.7319, 43.5264, 64.1177.



This preview shows how white text looks on a background with the XYZ color 38.7319, 43.5264,

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

38.7319, 43.5264, 64.1177

Protanopia

42.5746, 43.2129, 60.7406

Deuteranopia

44.3751, 43.4750, 65.0842



Tritanopia

37.7740, 43.4332, 59.8186

Trichromacy



Original Color

38.7319, 43.5264, 64.1177

Protanomaly

41.0808, 43.2856, 62.0669

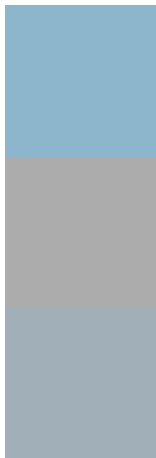
Deuteranomaly

42.1830, 43.5062, 64.5668

Tritanomaly

38.2913, 43.6595, 61.6673

Monochromacy



Original Color

38.7319, 43.5264, 64.1177

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

38.8750, 42.0884, 51.4223

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.7319, 43.5264, 64.1177 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(141, 182, 205)` looks like.

```
.text, #text, p{  
    color:rgb(141, 182, 205)  
}
```

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(141, 182, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 182, 205) }
```

Border

The CSS property to change the border of an element to XYZ 38.7319, 43.5264, 64.1177 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(141, 182, 205) }
```


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

```
.border{ border-color:rgb(141, 182, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 182, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 182, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 182, 205);  
box-shadow:4px 4px 4px 4px rgb(141, 182,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 38.7319, 43.5264, 64.1177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 182, 205) }
```

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

```
.background{ background-color: rgb(141,  
182, 205) }
```

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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