

Converting Colors

XYZ(41.3870, 48.4196, 64.9550)

Have a look what the booklet for
XYZ(41.3870, 48.4196, 64.9550)
contains.

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Color

**XYZ(41.4171, 48.3873,
64.9144)**

Conversions

Conversions Part 1

Format	Color
Hex	8FC1CD
RGB	143, 193, 205
RGB Percent	56%, 76%, 80%
CMY	0.4392, 0.2431, 0.1961
CMYK	0.30, 0.06, 0.00, 0.20
HSL	192°, 38%, 68%
HSV	192°, 30%, 80%
XYZ	41.4171, 48.3873, 64.9144
YIQ	179.4180, -33.6520, -6.8680

Conversions

Conversions Part 2

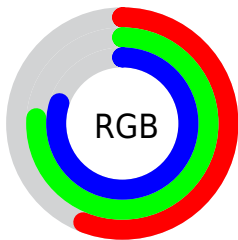
Format	Color
RYB	143, 171, 205
Decimal	9421261
CIELab	75.07, -13.47, -11.31
CIELCh	75, 17.590, 220.029
Yxy	48.3873, 0.2677, 0.3127
Android (android.graphics.Color)	4287611341 (0xFF8FC1CD)
YUV	179.4180, 12.6119, -31.9386
Hunter-Lab	69.5610, -15.4516, -6.6368

Details

The XYZ color **41.4171, 48.3873, 64.9144** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.8568, 38.4055, 31.1947**, and the grayscale version is **43.0195, 45.2599, 49.2880**.

A 20% lighter version of the original color is **75.5243, 87.5970, 107.5351**, and **19.0350, 22.8733, 32.6899** is the 20% darker color. If you saturate the color by 10%, you get **37.3225, 44.9931, 64.4759**, and if you desaturate by 10%, it is **46.1867, 52.1668, 65.3933**.

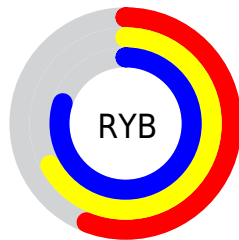
Distribution



Red (56%)

Green (76%)

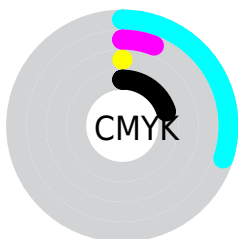
Blue (80%)



Red (56%)

Yellow (67%)

Blue (80%)

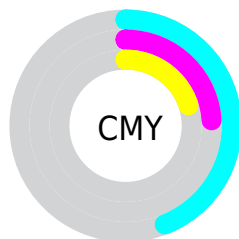


Cyan (30%)

Magenta (6%)

Yellow (0%)

Black (20%)



Cyan (44%)

Magenta (24%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.4171, 48.3873, 64.9144 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 41.4171, 48.3873, 64.9144 by changing the saturation by 10% instead.

■ 41.4171, 48.3873,
64.9144

■ 41.4171, 48.3873,
64.9144

343.0938,
380.3252, 460.7821

■ 28.8343, 34.1337,
46.9408

■ 76.5874, 87.7808,
113.5389

■ 19.0991, 22.9963,
32.6348

■ 99.9055, 113.6894,
145.0268

■ 11.8464, 14.5908,
21.5780

127.5328,
144.2519, 181.8566

■ 6.7106, 8.5327,
13.3518

159.8346,
179.8526, 224.4468

■ 3.3265, 4.4377,
7.5377

197.1762,
220.8759, 273.2158

■ 1.3287, 1.9213,
3.7171

239.9230,

■ 0.2045, 0.5611,

267.7061, 328.5824

1.4715

288.4404,
320.7278, 390.9650

■ 0.0000, 0.0000,
0.1965

■ 0.0000, 0.0000,
0.0000

■ 41.4171, 48.3873,
64.9144

■ 41.4171, 48.3873,
64.9144

■ 37.3225, 44.9931,
64.4759

■ 46.1867, 52.1668,
65.3933

■ 33.8628, 41.9597,
64.0727

■ 51.6597, 56.3429,
65.9110

■ 31.0008, 39.2687,
63.7042

■ 57.8682, 60.9336,
66.4698

■ 28.6930, 36.8976,
63.3681

■ 64.8411, 65.9542,
67.0714

■ 26.8901, 34.8206,
63.0622

■ 72.6056, 71.4187,
67.7169

■ 25.5335, 33.0072,
62.7837

■ 77.0226, 75.1938,
68.2128

■ 24.5343, 31.4373,
62.5334

■ 78.0563, 77.2612,
68.5573

■ 79.1148, 79.3782,
68.9102

■ 80.1981, 81.5449,
69.2713

Harmonies

Analogous

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



40.1672, 48.3873, 55.8297



41.4171, 48.3873, 64.9144



43.9112, 48.3873, 71.1412

Triad

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



41.4171, 48.3873, 64.9144



52.0497, 48.3873, 58.9674



44.9223, 48.3873, 37.1022

Complementary

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



41.4171, 48.3873, 64.9144



41.8568, 38.4055, 31.1947

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.



48.1348, 48.3873, 37.7344



41.4171, 48.3873, 64.9144



52.3515, 48.3873, 49.6617

Square

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



41.4171, 48.3873, 64.9144



50.0829, 48.3873, 67.4401



50.8891, 48.3873, 42.0979



42.1276, 48.3873, 40.2571

Rectangle

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



41.4171, 48.3873, 64.9144



45.9938, 48.3873, 72.4499



50.8891, 48.3873, 42.0979



45.9875, 48.3873, 36.8884

Sweetspot

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



41.4186, 48.3892, 64.9155



85.7044, 93.1032, 108.0613



39.0234, 51.8486, 38.6844



18.0413, 19.7008, 23.1017



0.0000, 0.0000, 0.0000



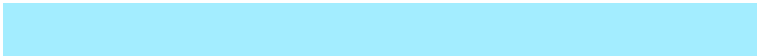
20.3446, 21.4041, 23.3091

Same Dimension

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



41.4186, 48.3892, 64.9155



63.5475, 75.7322, 105.8762



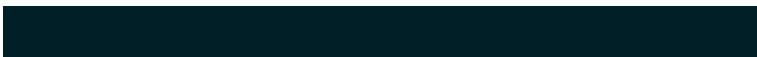
35.3804, 36.3130, 62.9028



11.3516, 12.3437, 14.3546



15.3402, 19.7043, 38.9511



0.8399, 1.1136, 2.0256

Inverse Universe

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



44.6261, 36.4755, 55.1426



69.6932, 53.6536, 86.9839



47.5615, 49.8149, 33.0963



11.5908, 11.3651, 13.6460



19.9539, 9.7922, 23.2737



1.0539, 0.5150, 1.3297

Previews

White Background



This preview shows how the XYZ color 41.4171, 48.3873, 64.9144 looks on a white background.

Color Contrast Check

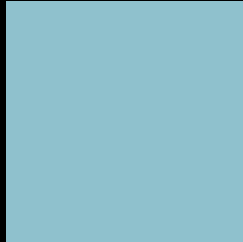
Large Text (above 18pt) WCAG AA × Fail

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 41.4171, 48.3873, 64.9144 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

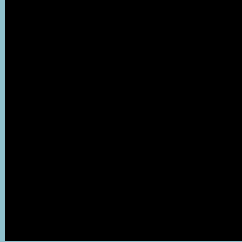
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.4171, 48.3873, 64.9144

Background



This preview shows how black text looks on a background with the XYZ color 41.4171, 48.3873, 64.9144.



This preview shows how white text looks on a background with the XYZ color 41.4171, 48.3873,

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

41.4171, 48.3873, 64.9144

Protanopia

46.7707, 48.0578, 60.8438

Deuteranopia

48.9911, 47.8706, 66.3324



Tritanopia

41.9567, 48.6233, 66.8484

Trichromacy



Original Color

41.4171, 48.3873, 64.9144

Protanomaly

44.4614, 48.0825, 62.1958

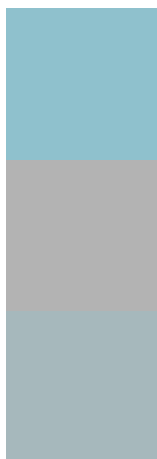
Deuteranomaly

45.8585, 47.7846, 65.8378

Tritanomaly

41.8340, 48.5742, 66.2024

Monochromacy



Original Color

41.4171, 48.3873, 64.9144

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

41.9435, 46.0188, 54.2488

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.4171, 48.3873, 64.9144 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(143, 193, 205)` looks like.

```
.text, #text, p{  
    color:rgb(143, 193, 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(143, 193, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 193, 205) }
```

Border

The CSS property to change the border of an element to XYZ 41.4171, 48.3873, 64.9144 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(143, 193, 205) }
```


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

```
.border{ border-color:rgb(143, 193, 205) }
```

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

Here you see how a box with a 4 pixel rgb(143, 193, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 193, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 193, 205);  
box-shadow:4px 4px 4px 4px rgb(143, 193,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 41.4171, 48.3873, 64.9144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 193, 205) }
```

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

```
.background{ background-color: rgb(143,  
193, 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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