

Converting Colors

XYZ(41.5280, 45.1324, 71.4460)

Have a look what the booklet for
XYZ(41.5280, 45.1324, 71.4460)
contains.

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Color

**XYZ(41.5409, 45.1207,
71.4855)**

Conversions

Conversions Part 1

Format	Color
Hex	94B7D8
RGB	148, 183, 216
RGB Percent	58%, 72%, 85%
CMY	0.4196, 0.2823, 0.1529
CMYK	0.31, 0.15, 0.00, 0.15
HSL	209°, 47%, 71%
HSV	209°, 31%, 85%
XYZ	41.5409, 45.1207, 71.4855
YIQ	176.2970, -31.4530, 2.8430

Conversions

Conversions Part 2

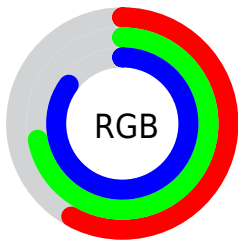
Format	Color
RYB	148, 171, 216
Decimal	9746392
CIELab	72.97, -4.05, -20.43
CIELCh	73, 20.826, 258.781
Yxy	45.1207, 0.2627, 0.2853
Android (android.graphics.Color)	4287936472 (0xFF94B7D8)
YUV	176.2970, 19.5736, -24.8165
Hunter-Lab	67.1719, -7.1618, -16.0770

Details

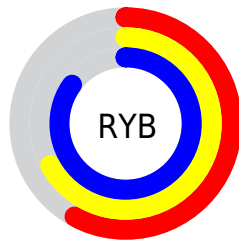
The XYZ color **41.5409, 45.1207, 71.4855** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **50.1889, 49.7855, 34.9826**, and the grayscale version is **41.3357, 43.4884, 47.3588**.

A 20% lighter version of the original color is **73.5451, 81.6495, 106.4914**, and **19.1350, 20.9714, 36.7576** is the 20% darker color. If you saturate the color by 10%, you get **35.9105, 39.1281, 70.6263**, and if you desaturate by 10%, it is **48.0642, 51.8147, 72.4345**.

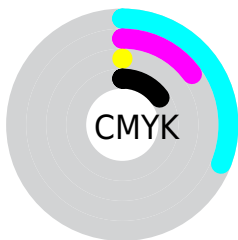
Distribution



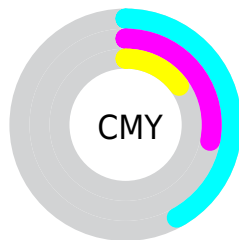
- Red (58%)
- Green (72%)
- Blue (85%)



- Red (58%)
- Yellow (67%)
- Blue (85%)



- Cyan (31%)
- Magenta (15%)
- Yellow (0%)
- Black (15%)



- Cyan (42%)
- Magenta (28%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.5409, 45.1207, 71.4855 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 41.5409, 45.1207, 71.4855 by changing the saturation by 10% instead.

■ 41.5409, 45.1207,
71.4855

■ 41.5409, 45.1207,
71.4855

343.6003,
367.2622, 484.6781

■ 28.9315, 31.5525,
52.2542

■ 76.7739, 82.9015,
123.0257

■ 19.1730, 21.0199,
36.8241

■ 100.1281,
107.8829, 156.1717

■ 11.9001, 13.1386,
24.7766

127.7947,
137.4375, 194.7930

■ 6.7474, 7.5240,
15.6932

160.1391,
171.9497, 239.3081

■ 3.3496, 3.7919,
9.1553

197.5264,
211.8038, 290.1357

■ 1.3412, 1.5579,
4.7444

240.3222,

■ 0.2137, 0.3289,

257.3844, 347.6942

2.0420

288.8917,
309.0757, 412.4021

■ 0.0000, 0.0000,
0.5809

■ 0.0000, 0.0000,
0.0000

■ 41.5409, 45.1207,
71.4855

■ 41.5409, 45.1207,
71.4855

■ 35.9105, 39.1281,
70.6263

■ 48.0642, 51.8147,
72.4345

■ 31.1247, 33.8038,
69.8509

■ 55.5170, 59.2309,
73.4732

■ 27.1365, 29.1192,
69.1569

■ 63.9389, 67.3957,
74.6053

■ 23.8926, 25.0412,
68.5407

■ 73.3659, 76.3321,
75.8333

■ 21.3318, 21.5326,
67.9985

■ 83.4617, 85.8717,
77.1425

■ 19.3817, 18.5501,
67.5256

■ 86.5588, 92.0659,
78.1749

■ 18.0990, 16.3663,
67.1716

■ 89.3948, 97.7379,
79.1202

Harmonies

Analogous

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



38.4449, 45.1207, 65.7692



41.5409, 45.1207, 71.4855



45.1749, 45.1207, 70.6120

Triad

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



41.5409, 45.1207, 71.4855



49.8465, 45.1207, 42.9641



37.8422, 45.1207, 37.0882

Complementary

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



41.5409, 45.1207, 71.4855



50.1889, 49.7855, 34.9826

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.



40.6755, 45.1207, 32.5154



41.5409, 45.1207, 71.4855



47.6563, 45.1207, 35.5624

Square

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



41.5409, 45.1207, 71.4855



50.1106, 45.1207, 53.1254



44.2596, 45.1207, 31.9994



36.3912, 45.1207, 45.3378

Rectangle

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



41.5409, 45.1207, 71.4855



47.4125, 45.1207, 66.4359



44.2596, 45.1207, 31.9994



38.6569, 45.1207, 35.1232

Sweetspot

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



41.5423, 45.1225, 71.4865



83.6544, 89.0031, 107.3780



45.0965, 58.7394, 52.6066



17.5350, 18.6882, 22.9329



0.0000, 0.0000, 0.0000



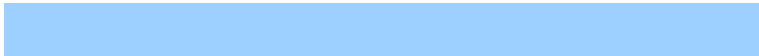
20.3446, 21.4041, 23.3091

Same Dimension

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



41.5423, 45.1225, 71.4865



54.7204, 59.5996, 103.2275



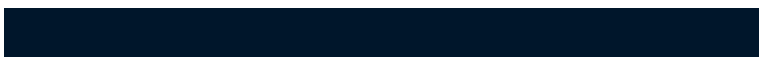
35.3772, 32.7922, 69.4315



12.2659, 13.0553, 15.8110



10.8212, 9.9042, 39.7945



0.7354, 0.7629, 2.4278

Inverse Universe

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



47.4572, 39.1990, 49.8665



64.8662, 50.3008, 65.9497



57.9316, 65.2709, 37.5635



12.6874, 12.5265, 14.2942



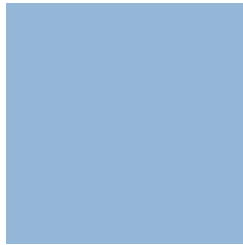
18.5209, 9.3447, 10.0471



1.1589, 0.5803, 0.8259

Previews

White Background



This preview shows how the XYZ color 41.5409, 45.1207, 71.4855 looks on a white background.

Color Contrast Check

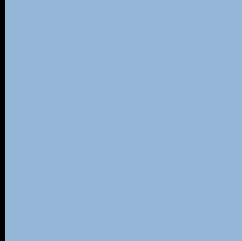
Large Text (above 18pt) WCAG AA × Fail

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 41.5409, 45.1207, 71.4855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

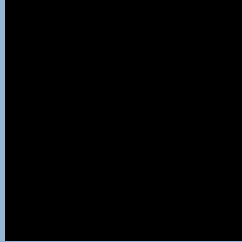
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.5409, 45.1207, 71.4855

Background



This preview shows how black text looks on a background with the XYZ color 41.5409, 45.1207, 71.4855.



This preview shows how white text looks on a background with the XYZ color 41.5409, 45.1207,

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

41.5409, 45.1207, 71.4855

Protanopia

44.6191, 44.9684, 68.6154

Deuteranopia

45.8894, 44.9520, 72.5876



Tritanopia

39.7786, 45.3546, 61.9161

Trichromacy



Original Color

41.5409, 45.1207, 71.4855

Protanomaly

43.2346, 44.8308, 69.3253

Deuteranomaly

44.1707, 44.9575, 71.9953

Tritanomaly

40.3436, 45.2651, 65.0032

Monochromacy



Original Color

41.5409, 45.1207, 71.4855

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.2500, 44.1088, 55.6300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5409, 45.1207, 71.4855 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(148, 183, 216)` looks like.

```
.text, #text, p{  
    color:rgb(148, 183, 216)  
}
```

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(148, 183, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 183, 216) }
```

Border

The CSS property to change the border of an element to XYZ 41.5409, 45.1207, 71.4855 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(148, 183, 216) }
```


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

```
.border{ border-color:rgb(148, 183, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 183, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 183, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 183, 216);  
box-shadow:4px 4px 4px 4px rgb(148, 183,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5409, 45.1207, 71.4855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 183, 216) }
```

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

```
.background{ background-color: rgb(148,  
183, 216) }
```

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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