

Converting Colors

XYZ(71.1716, 72.0769,
104.7688)

Have a look what the booklet for
XYZ(71.1716, 72.0769, 104.7688)
contains.

XYZ(71.4058, 72.3301, 104.8054)	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(71.4058, 72.3301,
104.8054)**

Conversions

Conversions Part 1

Format	Color
Hex	D7DBFF
RGB	215, 219, 255
RGB Percent	84%, 86%, 100%
CMY	0.1569, 0.1412, 0.0000
CMYK	0.16, 0.14, 0.00, 0.00
HSL	234°, 100%, 92%
HSV	234°, 16%, 100%
XYZ	71.4058, 72.3301, 104.8054
YIQ	221.9080, -13.9400, 10.3480

Conversions

Conversions Part 2

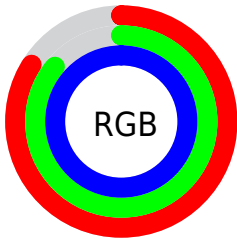
Format	Color
R _Y B	215, 219, 255
Decimal	14146559
CIE Lab	88.13, 5.71, -17.94
CIE LCh	88, 18.829, 287.659
Yxy	72.3301, 0.2873, 0.2910
Android (android.graphics.Color)	4292336639 (0xFFD7DBFF)
YUV	221.9080, 16.3144, -6.0583
Hunter-Lab	85.0471, 1.0367, -13.5314

Details

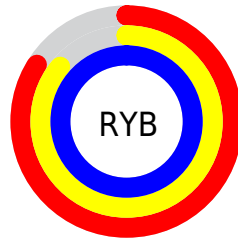
The XYZ color **71.4058, 72.3301, 104.8054** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.0024, 95.1591, 78.0208**, and the grayscale version is **69.2635, 72.8706, 79.3561**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9657, 38.1017, 58.7794** is the 20% darker color. If you saturate the color by 10%, you get **58.9138, 57.6086, 102.6222**, and if you desaturate by 10%, it is **85.8941, 89.3096, 107.3191**.

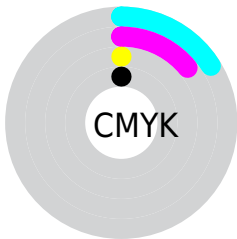
Distribution



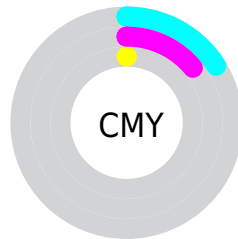
- Red (84%)
- Green (86%)
- Blue (100%)



- Red (84%)
- Yellow (86%)
- Blue (100%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4058, 72.3301, 104.8054 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 71.4058, 72.3301, 104.8054 by changing the saturation by 10% instead.

■ 71.4058, 72.3301,
104.8054

■ 71.4058, 72.3301,
104.8054

454.6606,
468.6897, 596.8696

■ 52.9571, 53.4284,
79.6806

120.2267,
122.5257, 169.8546

■ 37.9959, 38.1448,
58.9309

151.3297,
154.5884, 210.6161

■ 26.1567, 26.0951,
42.1379

187.3816,
191.8069, 257.4269

■ 17.0742, 16.8948,
28.8829

228.7476,
234.5655, 310.7056

■ 10.3830, 10.1595,
18.7474

275.7931,
283.2488, 370.8707

■ 5.7179, 5.5049,
11.3130

328.8836,

■ 2.7133, 2.5464,

338.2409, 438.3406

6.1609

388.3843,
399.9265, 513.5341

■ 1.0040, 0.8998,
2.8728

■ 0.0000, 0.0000,
1.0301

■ 71.4058, 72.3301,
104.8054

■ 71.4058, 72.3301,
104.8054

■ 58.9138, 57.6086,
102.6222

■ 85.8941, 89.3096,
107.3191

■ 48.3247, 45.0415,
100.7546

95.0500, 100.0000,
108.9000

■ 39.5465, 34.5301,
99.1884

■ 32.4772, 25.9645,
97.9077

■ 27.0045, 19.2244,
96.8951

■ 23.0027, 14.1761,
96.1316

■ 20.3269, 10.6675,
95.5954

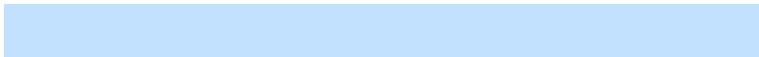
■ 18.8015, 8.5181,
95.2609

■ 18.4088, 7.9376,
95.1696

Harmonies

Analogous

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



66.9149, 72.3301, 105.5270



71.4058, 72.3301, 104.8054



75.3433, 72.3301, 96.6520

Triad

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



71.4058, 72.3301, 104.8054



74.7415, 72.3301, 61.8226



60.6369, 72.3301, 73.5769

Complementary

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



71.4058, 72.3301, 104.8054



88.0024, 95.1591, 78.0208

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.



62.5485, 72.3301, 63.2164



71.4058, 72.3301, 104.8054



70.6135, 72.3301, 56.9437

Square

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



71.4058, 72.3301, 104.8054



77.3261, 72.3301, 71.4749



66.1562, 72.3301, 57.4244



60.8282, 72.3301, 86.5137

Rectangle

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



71.4058, 72.3301, 104.8054



77.0650, 72.3301, 88.5549



66.1562, 72.3301, 57.4244



61.0513, 72.3301, 69.7065

Sweetspot

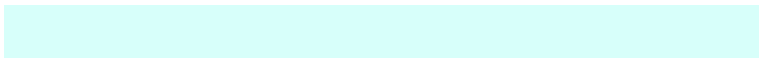
The Sweet Spot groups the original color and five complimentary colors.



71.4078, 72.3330, 104.8058



86.9620, 90.5579, 107.5038



81.0927, 92.8905, 104.3726



18.3791, 19.1092, 22.9697



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.



71.4078, 72.3330, 104.8058



67.0500, 67.2075, 104.0462



75.0917, 72.7004, 104.6826



17.1492, 17.6700, 22.7567



9.6667, 4.2431, 49.7441



0.9876, 0.5058, 4.8589

Inverse Universe

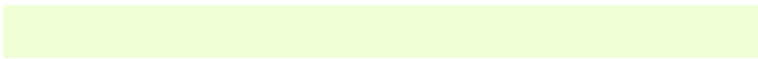
The Inverse Universe completely reimagines the original color for something new.



78.3278, 74.9767, 77.3648



75.2519, 70.3911, 71.5109



83.8484, 94.8935, 78.1885



18.0832, 18.0166, 19.0554



21.6675, 11.1563, 1.6337



2.1331, 1.0956, 0.2822

Previews

White Background



This preview shows how the XYZ color 71.4058, 72.3301, 104.8054 looks on a white background.

Color Contrast Check

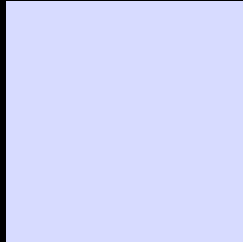
Large Text (above 18pt) WCAG AA × Fail

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 71.4058, 72.3301, 104.8054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

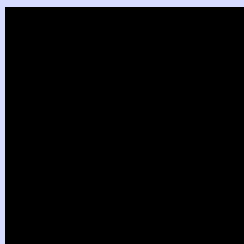
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.4058, 72.3301, 104.8054

Background



This preview shows how black text looks on a background with the XYZ color 71.4058, 72.3301, 104.8054.



This preview shows how white text looks on a background with the XYZ color 71.4058, 72.3301,

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

71.4058, 72.3301, 104.8054

Protanopia

71.4058, 72.3301, 104.8054

Deuteranopia

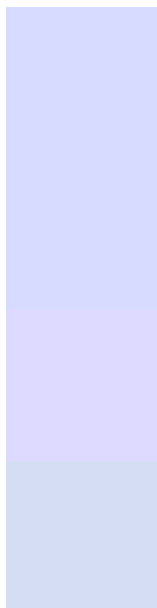
73.9699, 72.5005, 104.7031



Tritanopia

68.8526, 72.4716, 92.0208

Trichromacy



Original Color

71.4058, 72.3301, 104.8054

Protanomaly

71.4058, 72.3301, 104.8054

Deuteranomaly

72.9871, 72.3753, 104.7307

Tritanomaly

69.7785, 72.4516, 96.6930

Monochromacy



Original Color

71.4058, 72.3301, 104.8054

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.9212, 72.7135, 88.1918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4058, 72.3301, 104.8054 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(215, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 219, 255)  
}
```

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(215, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 219, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.4058, 72.3301, 104.8054 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(215, 219, 255) }
```


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

```
.border{ border-color:rgb(215, 219, 255) }
```

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

Here you see how a box with a 4 pixel rgb(215, 219, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(215, 219,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4058, 72.3301, 104.8054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 219, 255) }
```

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

```
.background{ background-color: rgb(215,  
219, 255) }
```

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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