

Converting Colors

XYZ(71.4971, 78.0662,
104.2285)

Have a look what the booklet for
XYZ(71.4971, 78.0662, 104.2285)
contains.

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Color

**XYZ(71.4971, 78.0662,
104.2285)**

Conversions

Conversions Part 1

Format	Color
Hex	CBE9FD
RGB	203, 233, 253
RGB Percent	80%, 91%, 99%
CMY	0.2039, 0.0863, 0.0078
CMYK	0.20, 0.08, 0.00, 0.01
HSL	204°, 93%, 89%
HSV	204°, 20%, 99%
XYZ	71.4971, 78.0662, 104.2285
YIQ	226.3100, -24.3000, -0.1400

Conversions

Conversions Part 2

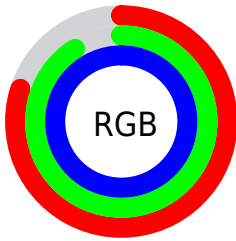
Format	Color
R _Y B	203, 222, 253
Decimal	13363709
CIE Lab	90.81, -5.66, -12.95
CIE LCh	91, 14.135, 246.402
Yxy	78.0662, 0.2817, 0.3076
Android (android.graphics.Color)	4291553789 (0xFFCBE9FD)
YUV	226.3100, 13.1582, -20.4429
Hunter-Lab	88.3551, -10.1788, -8.0932

Details

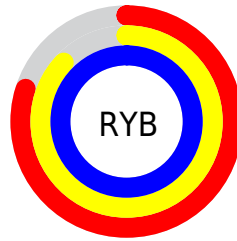
The XYZ color **71.4971, 78.0662, 104.2285** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.6758, 77.9697, 67.4572**, and the grayscale version is **72.4352, 76.2075, 82.9900**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8987, 41.7257, 58.2809** is the 20% darker color. If you saturate the color by 10%, you get **62.3790, 69.2364, 103.0060**, and if you desaturate by 10%, it is **81.9084, 87.8106, 105.5619**.

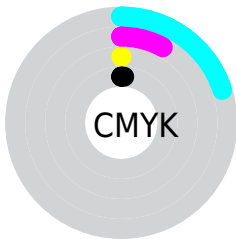
Distribution



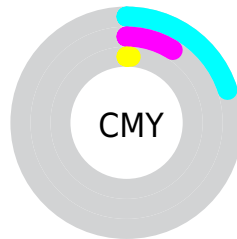
- Red (80%)
- Green (91%)
- Blue (99%)



- Red (80%)
- Yellow (87%)
- Blue (99%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (1%)



- Cyan (20%)
- Magenta (9%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.4971, 78.0662, 104.2285 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 71.4971, 78.0662, 104.2285 by changing the saturation by 10% instead.

■ 71.4971, 78.0662,
104.2285

■ 71.4971, 78.0662,
104.2285

454.9741,
488.3916, 595.0283

■ 53.0320, 58.1284,
79.2001

120.3559,
130.6434, 169.0584

■ 38.0559, 41.9119,
58.5381

151.4804,
164.0516, 209.6971

■ 26.2035, 29.0323,
41.8238

187.5552,
202.7187, 256.3762

■ 17.1094, 19.1052,
28.6388

228.9460,
247.0291, 309.5144

■ 10.4083, 11.7463,
18.5645

276.0178,
297.3672, 369.5302

■ 5.7348, 6.5712,
11.1824

329.1363,

■ 2.7236, 3.1954,

354.1174, 436.8420

6.0740

388.6666,
417.6641, 511.8686

■ 1.0094, 1.2346,
2.8206

■ 0.0000, 0.0897,
1.0038

■ 71.4971, 78.0662,
104.2285

■ 71.4971, 78.0662,
104.2285

■ 62.3790, 69.2364,
103.0060

■ 81.9084, 87.8106,
105.5619

■ 54.4900, 61.2780,
101.8857

■ 93.6594, 98.4914,
107.0041

■ 47.7706, 54.1582,
100.8656

■ 94.7299, 99.8719,
107.2142

■ 42.1533, 47.8379,
99.9417

■ 37.5628, 42.2740,
99.1097

■ 33.9137, 37.4179,
98.3647

■ 31.1045, 33.2126,
97.7011

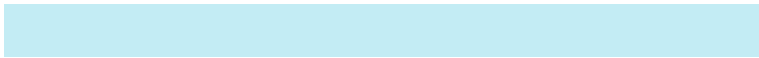
■ 28.9748, 29.5706,
97.1104

■ 28.9283, 29.4887,
97.0970

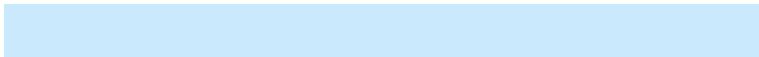
Harmonies

Analogous

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



68.8335, 78.0662, 97.1536



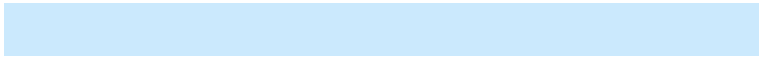
71.4971, 78.0662, 104.2285



74.9642, 78.0662, 105.9735

Triad

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



71.4971, 78.0662, 104.2285



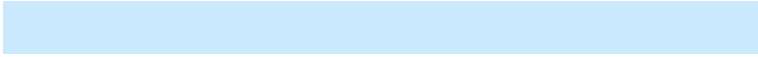
81.2007, 78.0662, 82.8371



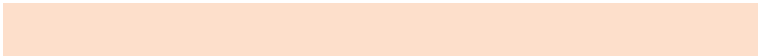
70.2172, 78.0662, 70.2000

Complementary

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



71.4971, 78.0662, 104.2285



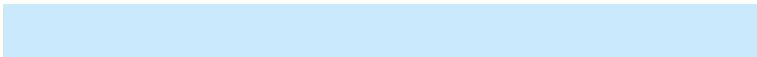
77.6758, 77.9697, 67.4572

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.



73.4402, 78.0662, 66.9956



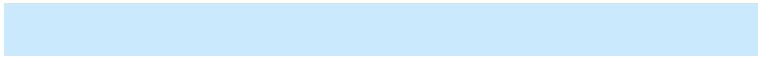
71.4971, 78.0662, 104.2285



79.8375, 78.0662, 73.9063

Square

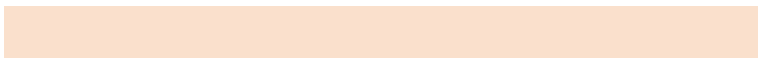
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.4971, 78.0662, 104.2285



80.6403, 78.0662, 93.0797



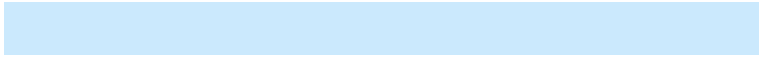
76.9693, 78.0662, 68.2964



68.1112, 78.0662, 77.4035

Rectangle

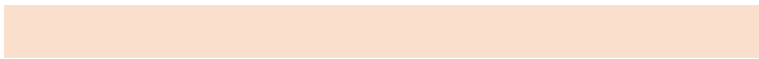
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.4971, 78.0662, 104.2285



77.2803, 78.0662, 103.7656



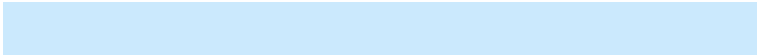
76.9693, 78.0662, 68.2964



71.2019, 78.0662, 68.6468

Sweetspot

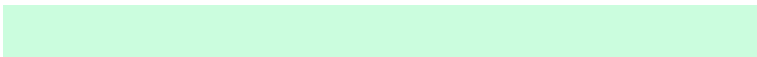
The Sweet Spot groups the original color and five complimentary colors.



71.4994, 78.0694, 104.2303



87.7223, 93.3706, 108.0066



72.9625, 88.2314, 82.4107



18.6119, 19.8352, 23.0976



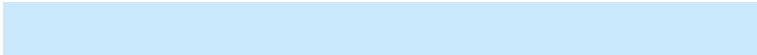
0.0000, 0.0000, 0.0000



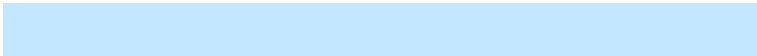
20.3446, 21.4041, 23.3091

Same Dimension

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



71.4994, 78.0694, 104.2303



68.6896, 75.5484, 105.5697



65.1193, 65.3091, 102.1036



17.9097, 19.1910, 23.0102



15.5351, 15.9797, 51.7002



1.6196, 1.7698, 5.0695

Inverse Universe

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



76.5738, 69.4794, 86.4694



74.8439, 65.4972, 83.9466



84.6006, 91.8194, 69.7654



18.4671, 18.1701, 21.0767



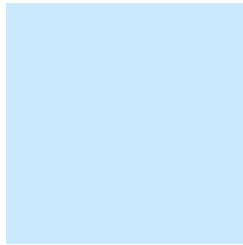
24.6296, 12.3411, 17.2317



2.4521, 1.2232, 1.9621

Previews

White Background



This preview shows how the XYZ color 71.4971, 78.0662, 104.2285 looks on a white background.

Color Contrast Check

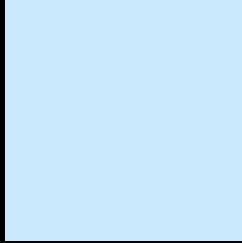
Large Text (above 18pt) WCAG AA × Fail

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 71.4971, 78.0662, 104.2285 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

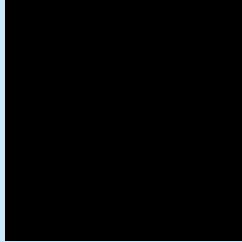
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

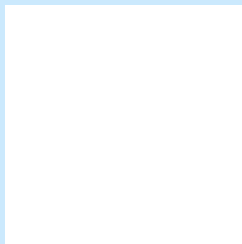
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.4971, 78.0662, 104.2285

Background



This preview shows how black text looks on a background with the XYZ color 71.4971, 78.0662, 104.2285.



This preview shows how white text looks on a background with the XYZ color 71.4971, 78.0662,

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

71.4971, 78.0662, 104.2285

Protanopia

75.9320, 77.9465, 100.6657

Deuteranopia

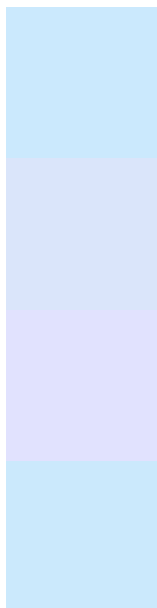
79.4312, 77.6397, 105.4072



Tritanopia

71.3382, 78.0026, 103.3915

Trichromacy



Original Color

71.4971, 78.0662, 104.2285

Protanomaly

74.1881, 77.8462, 101.5582

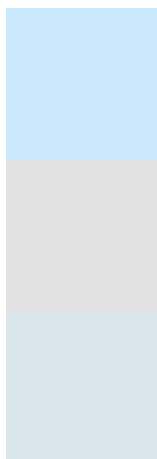
Deuteranomaly

76.1371, 77.5560, 104.7229

Tritanomaly

71.3382, 78.0026, 103.3915

Monochromacy



Original Color

71.4971, 78.0662, 104.2285

Achromatopsia

72.2879, 76.0525, 82.8211

Achromatomaly

72.0731, 77.0002, 90.4207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.4971, 78.0662, 104.2285 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(203, 233, 253)` looks like.

```
.text, #text, p{  
    color:rgb(203, 233, 253)  
}
```

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(203, 233, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 233, 253) }
```

Border

The CSS property to change the border of an element to XYZ 71.4971, 78.0662, 104.2285 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(203, 233, 253) }
```


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

```
.border{ border-color:rgb(203, 233, 253) }
```

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

Here you see how a box with a 4 pixel rgb(203, 233, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 233, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 233, 253);  
box-shadow:4px 4px 4px 4px rgb(203, 233,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 71.4971, 78.0662, 104.2285 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 233, 253) }
```

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

```
.background{ background-color: rgb(203,  
233, 253) }
```

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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