

Converting Colors

XYZ(71.2025, 76.2523,
103.8939)

Have a look what the booklet for
XYZ(71.2025, 76.2523, 103.8939)
contains.

XYZ(71.2025, 76.2523, 103.8939)	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(71.2025, 76.2523,
103.8939)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE5FD
RGB	206, 229, 253
RGB Percent	81%, 90%, 99%
CMY	0.1921, 0.1019, 0.0078
CMYK	0.19, 0.09, 0.00, 0.01
HSL	211°, 92%, 90%
HSV	211°, 19%, 99%
XYZ	71.2025, 76.2523, 103.8939
YIQ	224.8590, -21.4120, 2.5880

Conversions

Conversions Part 2

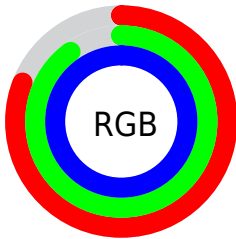
Format	Color
R _Y B	206, 221, 253
Decimal	13559293
CIE Lab	89.98, -2.69, -14.18
CIE LCh	90, 14.433, 259.257
Yxy	76.2523, 0.2833, 0.3034
Android (android.graphics.Color)	4291749373 (0xFFCEE5FD)
YUV	224.8590, 13.8735, -16.5393
Hunter-Lab	87.3226, -7.2662, -9.4158

Details

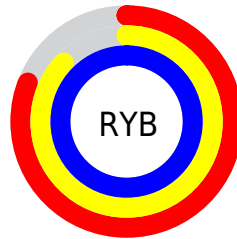
The XYZ color **71.2025, 76.2523, 103.8939** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **79.9460, 81.9324, 69.9950**, and the grayscale version is **71.3832, 75.1007, 81.7846**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.8624, 40.8369, 58.1113** is the 20% darker color. If you saturate the color by 10%, you get **61.2944, 66.0362, 102.4454**, and if you desaturate by 10%, it is **82.5117, 87.5894, 105.4874**.

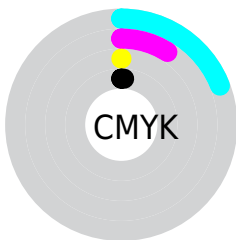
Distribution



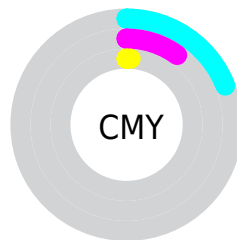
- Red (81%)
- Green (90%)
- Blue (99%)



- Red (81%)
- Yellow (87%)
- Blue (99%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (1%)



- Cyan (19%)
- Magenta (10%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.2025, 76.2523, 103.8939 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 71.2025, 76.2523, 103.8939 by changing the saturation by 10% instead.

■ 71.2025, 76.2523,
103.8939

■ 71.2025, 76.2523,
103.8939

453.9618,
482.2109, 593.9590

■ 52.7906, 56.6394,
78.9215

119.9390,
128.0835, 168.5965

■ 37.8624, 40.7158,
58.3103

150.9942,
161.0706, 209.1637

■ 26.0527, 28.0971,
41.6419

186.9947,
199.2845, 255.7663

■ 16.9959, 18.3989,
28.4975

228.3056,
243.1097, 308.8229

■ 10.3269, 11.2367,
18.4587

275.2925,
292.9306, 368.7519

■ 5.6801, 6.2263,
11.1070

328.3206,

■ 2.6904, 2.9832,

349.1315, 435.9719

6.0238

387.7552,
412.0968, 510.9014

■ 0.9922, 1.1230,
2.7905

■ 0.0000, 0.0000,
0.9887

■ 71.2025, 76.2523,
103.8939

■ 71.2025, 76.2523,
103.8939

■ 61.2944, 66.0362,
102.4454

■ 82.5117, 87.5894,
105.4874

■ 52.7207, 56.8924,
101.1324

94.6789, 99.7700,
107.1972

■ 45.4195, 48.7820,
99.9517

94.7299, 99.8719,
107.2142

■ 39.3206, 41.6597,
98.8985

■ 34.3463, 35.4761,
97.9671

■ 30.4091, 30.1760,
97.1516

■ 27.4059, 25.6959,
96.4451

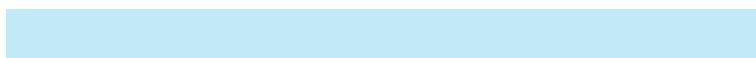
■ 25.1929, 21.9510,
95.8389

■ 24.9156, 21.4634,
95.7594

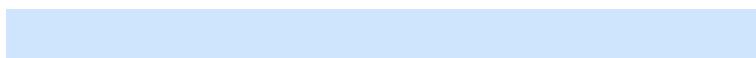
Harmonies

Analogous

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



68.0837, 76.2523, 98.8416



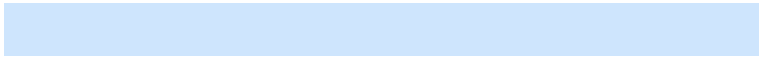
71.2025, 76.2523, 103.8939



74.7648, 76.2523, 103.0186

Triad

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



71.2025, 76.2523, 103.8939



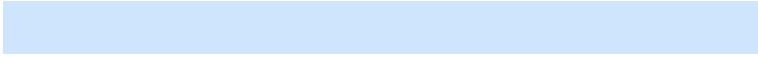
79.1562, 76.2523, 76.7048



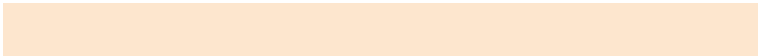
67.3944, 76.2523, 70.8357

Complementary

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



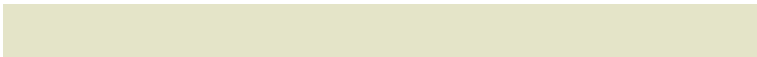
71.2025, 76.2523, 103.8939



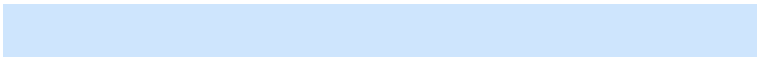
79.9460, 81.9324, 69.9950

Split Complementary

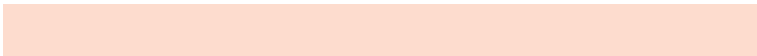
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.2334, 76.2523, 65.8030



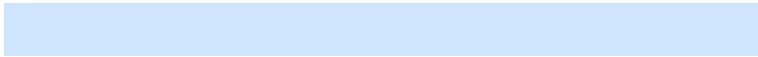
71.2025, 76.2523, 103.8939



77.0522, 76.2523, 68.9941

Square

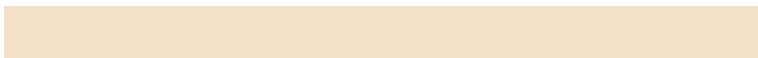
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.2025, 76.2523, 103.8939



79.4364, 76.2523, 86.7475



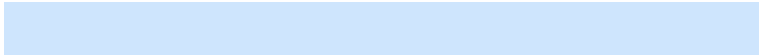
73.7636, 76.2523, 65.1577



65.9336, 76.2523, 79.4121

Rectangle

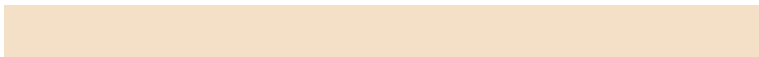
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.2025, 76.2523, 103.8939



76.9101, 76.2523, 99.2105



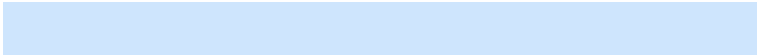
73.7636, 76.2523, 65.1577



68.2148, 76.2523, 68.7045

Sweetspot

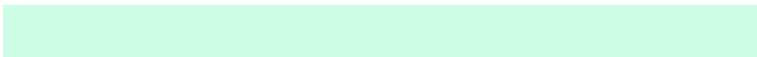
The Sweet Spot groups the original color and five complimentary colors.



71.2048, 76.2554, 103.8956



87.2018, 92.3295, 107.8331



74.7931, 89.0589, 87.7448



18.4889, 19.5891, 23.0566



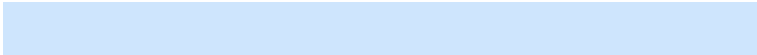
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



71.2048, 76.2554, 103.8956



68.8701, 73.9353, 105.2488



65.2560, 64.3579, 101.9127



17.7370, 18.8456, 22.9527



13.3989, 11.7075, 50.9882



1.4136, 1.3578, 5.0009

Inverse Universe

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



76.7240, 70.6841, 83.7319



75.4169, 67.5714, 81.2761



86.7752, 95.5908, 72.2714



18.3799, 18.1353, 20.6177



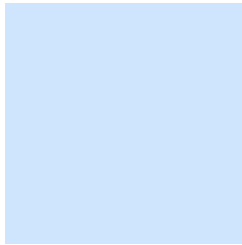
23.5514, 11.9098, 11.5539



2.3481, 1.1816, 1.4146

Previews

White Background



This preview shows how the XYZ color 71.2025, 76.2523, 103.8939 looks on a white background.

Color Contrast Check

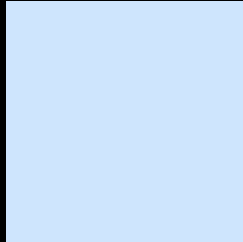
Large Text (above 18pt) WCAG AA × Fail

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 71.2025, 76.2523, 103.8939 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

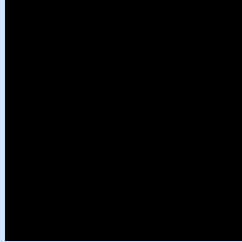
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

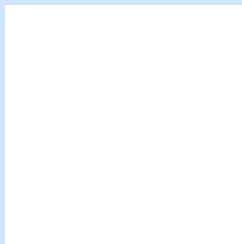
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.2025, 76.2523, 103.8939

Background



This preview shows how black text looks on a background with the XYZ color 71.2025, 76.2523, 103.8939.



This preview shows how white text looks on a background with the XYZ color 71.2025, 76.2523,

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

71.2025, 76.2523, 103.8939

Protanopia

74.3424, 75.9014, 101.1747

Deuteranopia

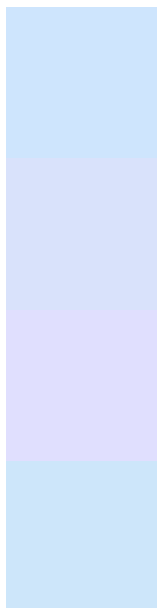
77.5749, 75.8988, 105.1690



Tritanopia

70.4169, 76.3501, 99.8326

Trichromacy



Original Color

71.2025, 76.2523, 103.8939

Protanomaly

73.2242, 76.1095, 102.0981

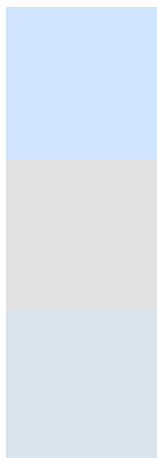
Deuteranomaly

75.0175, 75.7784, 104.4388

Tritanomaly

70.7290, 76.4749, 101.4758

Monochromacy



Original Color

71.2025, 76.2523, 103.8939

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.1052, 75.2963, 89.3833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.2025, 76.2523, 103.8939 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(206, 229, 253)` looks like.

```
.text, #text, p{  
    color:rgb(206, 229, 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(206, 229, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 229, 253) }
```

Border

The CSS property to change the border of an element to XYZ 71.2025, 76.2523, 103.8939 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(206, 229, 253) }
```


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

```
.border{ border-color:rgb(206, 229, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 229, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 229, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 229, 253);  
box-shadow:4px 4px 4px 4px rgb(206, 229,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 71.2025, 76.2523, 103.8939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 229, 253) }
```

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

```
.background{ background-color: rgb(206,  
229, 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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