

Converting Colors

XYZ(71.4264, 76.3794,
105.5859)

Have a look what the booklet for
XYZ(71.4264, 76.3794, 105.5859)
contains.

XYZ(71.5229, 76.3804, 105.5810)	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(71.5229, 76.3804,
105.5810)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE5FF
RGB	206, 229, 255
RGB Percent	81%, 90%, 100%
CMY	0.1921, 0.1019, 0.0000
CMYK	0.19, 0.10, 0.00, 0.00
HSL	212°, 100%, 90%
HSV	212°, 19%, 100%
XYZ	71.5229, 76.3804, 105.5810
YIQ	225.0870, -22.0540, 3.2100

Conversions

Conversions Part 2

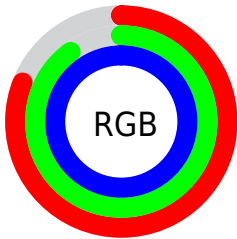
Format	Color
R _Y B	206, 222, 255
Decimal	13559295
CIE Lab	90.04, -2.27, -15.14
CIE LCh	90, 15.306, 261.487
Yxy	76.3804, 0.2822, 0.3013
Android (android.graphics.Color)	4291749375 (0xFFCEE5FF)
YUV	225.0870, 14.7471, -16.7393
Hunter-Lab	87.3959, -6.8622, -10.4498

Details

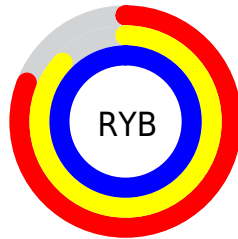
The XYZ color **71.5229, 76.3804, 105.5810** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.2370, 83.4285, 70.2159**, and the grayscale version is **71.5410, 75.2667, 81.9654**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0916, 40.9286, 59.3185** is the 20% darker color. If you saturate the color by 10%, you get **61.4114, 65.8273, 104.0770**, and if you desaturate by 10%, it is **83.0787, 88.1151, 107.2369**.

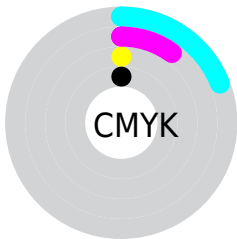
Distribution



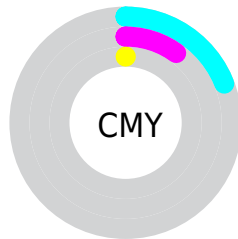
- Red (81%)
- Green (90%)
- Blue (100%)



- Red (81%)
- Yellow (87%)
- Blue (100%)



- Cyan (19%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.5229, 76.3804, 105.5810 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 71.5229, 76.3804, 105.5810 by changing the saturation by 10% instead.

■ 71.5229, 76.3804,
105.5810

■ 71.5229, 76.3804,
105.5810

455.0627,
482.6489, 599.3403

■ 53.0531, 56.7445,
80.3268

120.3925,
128.2645, 170.9244

■ 38.0728, 40.8001,
59.4596

151.5229,
161.2814, 211.8506

■ 26.2167, 28.1629,
42.5607

187.6043,
199.5275, 258.8380

■ 17.1193, 18.4485,
29.2118

229.0020,
243.3872, 312.3050

■ 10.4154, 11.2725,
18.9941

276.0813,
293.2447, 372.6702

■ 5.7396, 6.2504,
11.4893

329.2077,

■ 2.7266, 2.9979,

349.4846, 440.3521

6.2786

388.7463,
412.4912, 515.7693

■ 1.0109, 1.1307,
2.9437

■ 0.0000, 0.0039,
1.0660

■ 71.5229, 76.3804,
105.5810

■ 71.5229, 76.3804,
105.5810

■ 61.4114, 65.8273,
104.0770

■ 83.0787, 88.1151,
107.2369

■ 52.6762, 56.4050,
102.7187

95.0500, 100.0000,
108.9000

■ 45.2525, 48.0719,
101.5015

■ 39.0676, 40.7800,
100.4200

■ 34.0411, 34.4768,
99.4683

■ 30.0818, 29.1039,
98.6399

■ 27.0824, 24.5938,
97.9274

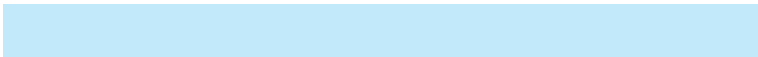
■ 24.8849, 20.8527,
97.3211

■ 24.7318, 20.5835,
97.2773

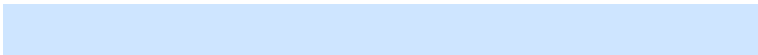
Harmonies

Analogous

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



68.1497, 76.3804, 100.6036



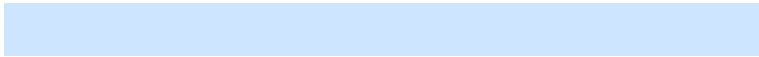
71.5229, 76.3804, 105.5810



75.3017, 76.3804, 104.1553

Triad

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



71.5229, 76.3804, 105.5810



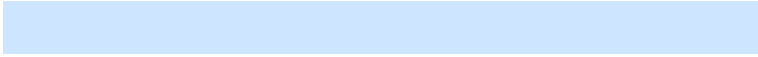
79.5976, 76.3804, 75.7464



67.0386, 76.3804, 70.8246

Complementary

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



71.5229, 76.3804, 105.5810



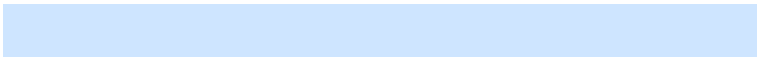
81.2370, 83.4285, 70.2159

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.



69.9584, 76.3804, 65.2036



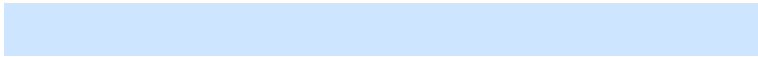
71.5229, 76.3804, 105.5810



77.2343, 76.3804, 67.8683

Square

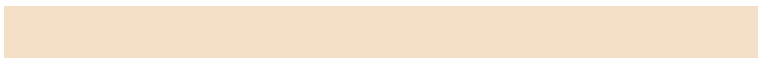
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.5229, 76.3804, 105.5810



80.0520, 76.3804, 86.2960



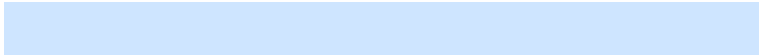
73.6824, 76.3804, 64.1705



65.6203, 76.3804, 80.1112

Rectangle

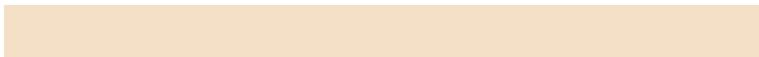
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.5229, 76.3804, 105.5810



77.5369, 76.3804, 99.8147



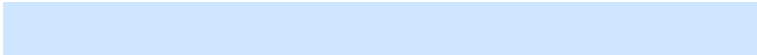
73.6824, 76.3804, 64.1705



67.8721, 76.3804, 68.4786

Sweetspot

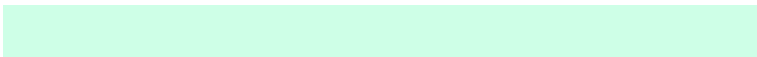
The Sweet Spot groups the original color and five complimentary colors.



71.5250, 76.3834, 105.5814



87.1083, 92.1426, 107.8019



75.6831, 90.4297, 89.3027



18.4668, 19.5450, 23.0492



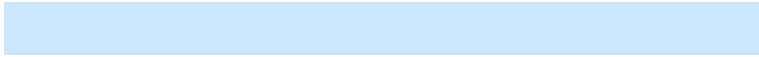
0.0000, 0.0000, 0.0000



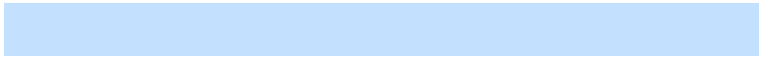
20.3446, 21.4041, 23.3091

Same Dimension

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



71.5250, 76.3834, 105.5814



67.5305, 72.2515, 104.9944



65.8036, 64.6033, 103.6092



17.7061, 18.7838, 22.9424



13.0694, 11.0484, 50.8783



1.3808, 1.2922, 4.9899

Inverse Universe

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



77.4555, 71.0613, 83.7661



74.4977, 66.2734, 79.3038



87.8411, 97.0818, 72.5032



18.3643, 18.1290, 20.5356



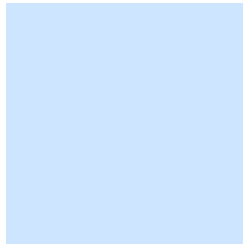
23.3850, 11.8433, 10.6780



2.3316, 1.1750, 1.3274

Previews

White Background



This preview shows how the XYZ color 71.5229, 76.3804, 105.5810 looks on a white background.

Color Contrast Check

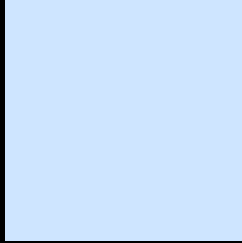
Large Text (above 18pt) WCAG AA × Fail

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 71.5229, 76.3804, 105.5810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

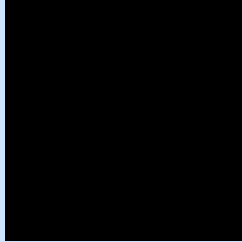
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

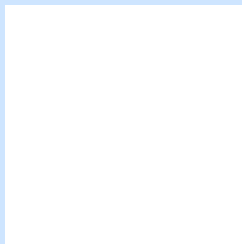
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 71.5229, 76.3804, 105.5810

Background



This preview shows how black text looks on a background with the XYZ color 71.5229, 76.3804, 105.5810.



This preview shows how white text looks on a background with the XYZ color 71.5229, 76.3804,

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





Tritanopia

70.4169, 76.3501, 99.8326

Trichromacy



Original Color

71.5229, 76.3804, 105.5810

Protanomaly

73.2449, 76.0835, 103.7537

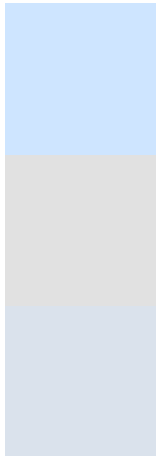
Deuteranomaly

75.1371, 76.2193, 105.3594

Tritanomaly

70.8862, 76.5378, 102.3040

Monochromacy



Original Color

71.5229, 76.3804, 105.5810

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

71.2501, 75.3543, 90.1464

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.5229, 76.3804, 105.5810 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 229, 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(206, 229, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 229, 255) }
```

Border

The CSS property to change the border of an element to XYZ 71.5229, 76.3804, 105.5810 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, 255) }
```


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

```
.border{ border-color:rgb(206, 229, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 229, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 229, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 229,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 71.5229, 76.3804, 105.5810 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, 255) }
```

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

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