

Converting Colors

XYZ(70.2582, 73.7554,
105.1410)

Have a look what the booklet for
XYZ(70.2582, 73.7554, 105.1410)
contains.

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Color

**XYZ(70.1593, 73.6531,
105.1264)**

Conversions

Conversions Part 1

Format	Color
Hex	CEE0FF
RGB	206, 224, 255
RGB Percent	81%, 88%, 100%
CMY	0.1921, 0.1216, 0.0000
CMYK	0.19, 0.12, 0.00, 0.00
HSL	218°, 100%, 90%
HSV	218°, 19%, 100%
XYZ	70.1593, 73.6531, 105.1264
YIQ	222.1520, -20.6790, 5.8250

Conversions

Conversions Part 2

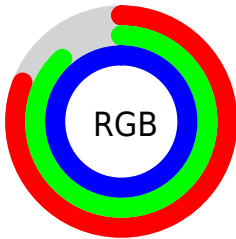
Format	Color
R _Y B	206, 219, 255
Decimal	13558015
CIE Lab	88.76, 0.33, -17.06
CIE LCh	89, 17.058, 271.113
Yxy	73.6531, 0.2818, 0.2959
Android (android.graphics.Color)	4291748095 (0xFFCEE0FF)
YUV	222.1520, 16.1941, -14.1653
Hunter-Lab	85.8214, -4.2630, -12.5520

Details

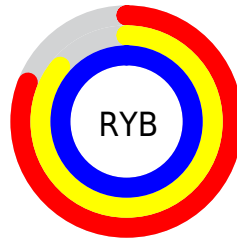
The XYZ color **70.1593, 73.6531, 105.1264** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.6647, 86.2838, 70.6920**, and the grayscale version is **69.4399, 73.0562, 79.5582**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.1435, 39.0325, 59.0024** is the 20% darker color. If you saturate the color by 10%, you get **59.5147, 62.0338, 103.4447**, and if you desaturate by 10%, it is **82.3677, 86.6929, 106.9999**.

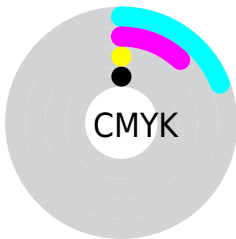
Distribution



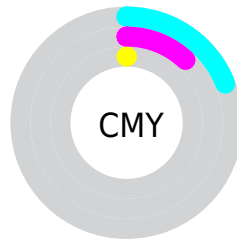
- Red (81%)
- Green (88%)
- Blue (100%)



- Red (81%)
- Yellow (86%)
- Blue (100%)



- Cyan (19%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.1593, 73.6531, 105.1264 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 70.1593, 73.6531, 105.1264 by changing the saturation by 10% instead.

■ 70.1593, 73.6531,
105.1264

■ 70.1593, 73.6531,
105.1264

450.3668,
473.2752, 597.8928

■ 51.9365, 54.5102,
79.9480

118.4609,
124.4039, 170.2975

■ 37.1785, 39.0097,
59.1497

149.2705,
156.7806, 211.1272

■ 25.5200, 26.7673,
42.3128

185.0062,
194.3373, 258.0112

■ 16.5957, 17.3985,
29.0189

226.0337,
237.4585, 311.3678

■ 10.0402, 10.5190,
18.8494

272.7181,
286.5284, 371.6158

■ 5.4881, 5.7444,
11.3858

325.4249,

■ 2.5741, 2.6903,

341.9316, 439.1736

6.2095

384.5193,
404.0524, 514.4597

■ 0.9327, 0.9723,
2.9021

■ 0.0000, 0.0000,
1.0448

■ 70.1593, 73.6531,
105.1264

■ 70.1593, 73.6531,
105.1264

■ 59.5147, 62.0338,
103.4447

■ 82.3677, 86.6929,
106.9999

■ 50.3612, 51.7750,
101.9470

95.0500, 100.0000,
108.9000

■ 42.6290, 42.8249,
100.6270

■ 36.2401, 35.1248,
99.4775

■ 31.1081, 28.6107,
98.4906

■ 27.1358, 23.2119,
97.6579

■ 24.2092, 18.8476,
96.9697

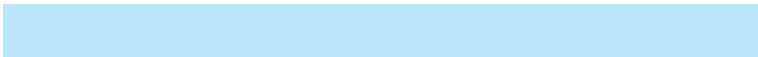
■ 22.1632, 15.4092,
96.4139

■ 22.0250, 15.1700,
96.3750

Harmonies

Analogous

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



66.2418, 73.6531, 101.7813



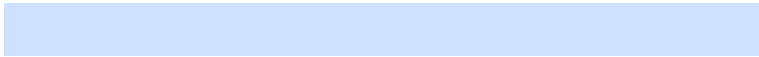
70.1593, 73.6531, 105.1264



74.1853, 73.6531, 101.2647

Triad

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



70.1593, 73.6531, 105.1264



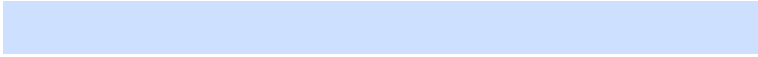
77.0198, 73.6531, 69.0181



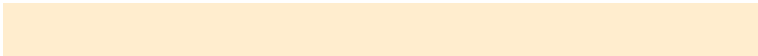
63.2855, 73.6531, 69.7122

Complementary

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



70.1593, 73.6531, 105.1264



82.6647, 86.2838, 70.6920

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.



65.9849, 73.6531, 62.2727



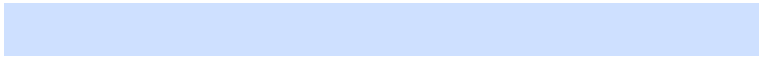
70.1593, 73.6531, 105.1264



73.9082, 73.6531, 61.9005

Square

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



70.1593, 73.6531, 105.1264



78.2409, 73.6531, 79.7551



69.8511, 73.6531, 59.5554



62.3684, 73.6531, 80.6379

Rectangle

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



70.1593, 73.6531, 105.1264



76.3641, 73.6531, 95.3229



69.8511, 73.6531, 59.5554



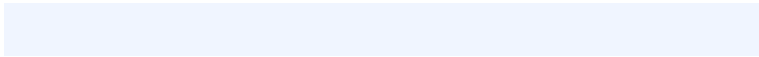
64.0092, 73.6531, 66.7601

Sweetspot

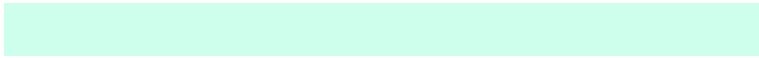
The Sweet Spot groups the original color and five complimentary colors.



70.1613, 73.6560, 105.1269



86.6331, 91.1922, 107.6435



76.3864, 90.7110, 93.0059



18.3546, 19.3206, 23.0118



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.



70.1613, 73.6560, 105.1269



65.9511, 69.0928, 104.4680



67.1925, 65.3194, 103.6742



17.5495, 18.4706, 22.8902



11.6383, 8.1862, 50.4013



1.2332, 0.9970, 4.9407

Inverse Universe

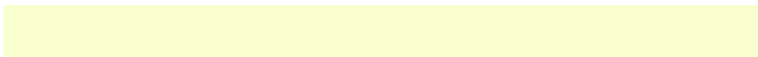
The Inverse Universe completely reimagines the original color for something new.



76.7672, 70.7861, 80.1413



73.7005, 65.9546, 75.1059



86.0691, 96.1683, 72.4204



18.2852, 18.0974, 20.1193



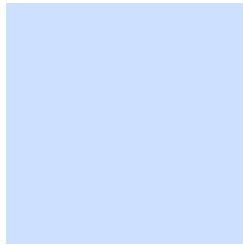
22.6627, 11.5544, 6.8742



2.2570, 1.1452, 0.9350

Previews

White Background



This preview shows how the XYZ color 70.1593, 73.6531, 105.1264 looks on a white background.

Color Contrast Check

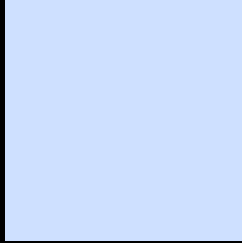
Large Text (above 18pt) WCAG AA × Fail

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 70.1593, 73.6531, 105.1264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

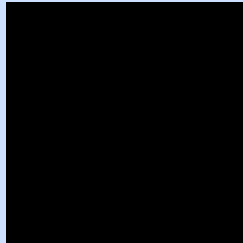
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

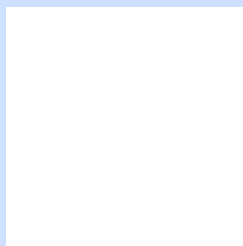
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 70.1593, 73.6531, 105.1264

Background



This preview shows how black text looks on a background with the XYZ color 70.1593, 73.6531, 105.1264.



This preview shows how white text looks on a background with the XYZ color 70.1593, 73.6531,

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

70.1593, 73.6531, 105.1264

Protanopia

72.2013, 73.5565, 103.3209

Deuteranopia

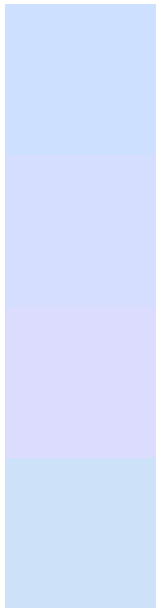
74.8578, 73.3397, 104.8183



Tritanopia

68.4273, 73.7617, 96.2189

Trichromacy



Original Color

70.1593, 73.6531, 105.1264

Protanomaly

71.4512, 73.5444, 104.1955

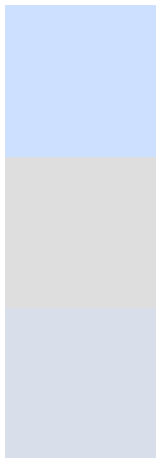
Deuteranomaly

73.1584, 73.6220, 104.9624

Tritanomaly

69.0453, 73.6069, 99.3754

Monochromacy



Original Color

70.1593, 73.6531, 105.1264

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.5579, 73.3148, 88.3270

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.1593, 73.6531, 105.1264 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, 224, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 224, 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, 224, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 224, 255) }
```

Border

The CSS property to change the border of an element to XYZ 70.1593, 73.6531, 105.1264 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, 224, 255) }
```


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

```
.border{ border-color:rgb(206, 224, 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, 224, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 224, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 224, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 224,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 70.1593, 73.6531, 105.1264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 224, 255) }
```

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

```
.background{ background-color: rgb(206,  
224, 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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