

Converting Colors

XYZ(78.5877, 78.4833,
131.9569)

Have a look what the booklet for
XYZ(78.5877, 78.4833, 131.9569)
contains.

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Color

**XYZ(73.5434, 76.6052,
105.5179)**

Conversions

Conversions Part 1

Format	Color
Hex	D7E3FF
RGB	215, 227, 255
RGB Percent	84%, 89%, 100%
CMY	0.1569, 0.1098, 0.0000
CMYK	0.16, 0.11, 0.00, 0.00
HSL	222°, 100%, 92%
HSV	222°, 16%, 100%
XYZ	73.5434, 76.6052, 105.5179
YIQ	226.6040, -16.1400, 6.1640

Conversions

Conversions Part 2

Format	Color
R _Y B	215, 224, 255
Decimal	14148607
CIE Lab	90.14, 1.53, -14.92
CIE LCh	90, 14.997, 275.852
Yxy	76.6052, 0.2877, 0.2996
Android (android.graphics.Color)	4292338687 (0xFFD7E3FF)
YUV	226.6040, 13.9992, -10.1767
Hunter-Lab	87.5244, -3.1810, -10.2119

Details

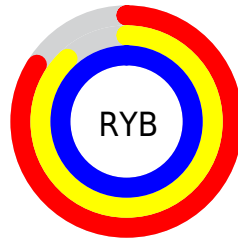
The XYZ color **73.5434, 76.6052, 105.5179** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.5559, 90.2662, 77.2055**, and the grayscale version is **72.6379, 76.4207, 83.2222**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4428, 41.0558, 59.2718** is the 20% darker color. If you saturate the color by 10%, you get **62.0001, 63.7811, 103.6510**, and if you desaturate by 10%, it is **86.7639, 91.0491, 107.6090**.

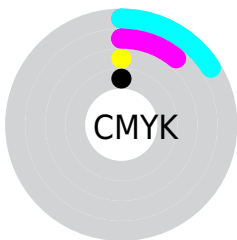
Distribution



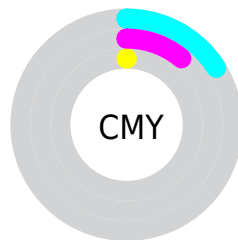
- Red (84%)
- Green (89%)
- Blue (100%)



- Red (84%)
- Yellow (88%)
- Blue (100%)



- Cyan (16%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.5434, 76.6052, 105.5179 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 73.5434, 76.6052, 105.5179 by changing the saturation by 10% instead.

■ 73.5434, 76.6052,
105.5179

■ 73.5434, 76.6052,
105.5179

461.9707,
483.4169, 599.1395

■ 54.7104, 56.9289,
80.2742

123.2473,
128.5820, 170.8374

■ 39.4028, 40.9482,
59.4165

154.8489,
161.6514, 211.7502

■ 27.2554, 28.2786,
42.5263

191.4374,
199.9538, 258.7233

■ 17.9027, 18.5358,
29.1850

233.3781,
243.8738, 312.1750

■ 10.9794, 11.3353,
18.9740

281.0365,
293.7957, 372.5239

■ 6.1202, 6.2928,
11.4749

334.7778,

■ 2.9596, 3.0240,

350.1039, 440.1886

6.2690

394.9674,
413.1829, 515.5876

■ 1.1325, 1.1443,
2.9379

■ 0.0520, 0.0155,
1.0630

■ 73.5434, 76.6052,
105.5179

■ 73.5434, 76.6052,
105.5179

■ 62.0001, 63.7811,
103.6510

■ 86.7639, 91.0491,
107.6090

■ 52.0586, 52.5092,
101.9993

95.0500, 100.0000,
108.9000

■ 43.6467, 42.7304,
100.5551

■ 36.6840, 34.3781,
99.3099

■ 31.0823, 27.3801,
98.2544

■ 26.7432, 21.6572,
97.3785

■ 23.5534, 17.1204,
96.6709

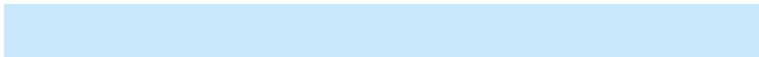
■ 21.3755, 13.6661,
96.1190

■ 20.6704, 12.4608,
95.9235

Harmonies

Analogous

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



69.9208, 76.6052, 103.5561



73.5434, 76.6052, 105.5179



77.0857, 76.6052, 101.1598

Triad

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



73.5434, 76.6052, 105.5179



78.7702, 76.6052, 71.9669



66.4708, 76.6052, 75.2989

Complementary

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



73.5434, 76.6052, 105.5179



85.5559, 90.2662, 77.2055

Split Complementary

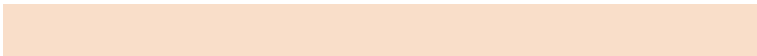
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.6973, 76.6052, 67.8684



73.5434, 76.6052, 105.5179



75.7797, 76.6052, 66.0625

Square

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



73.5434, 76.6052, 105.5179



80.1687, 76.6052, 81.3368



72.0834, 76.6052, 64.6283



65.9177, 76.6052, 85.5183

Rectangle

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



73.5434, 76.6052, 105.5179



78.8989, 76.6052, 95.4587



72.0834, 76.6052, 64.6283



67.0445, 76.6052, 72.4204

Sweetspot

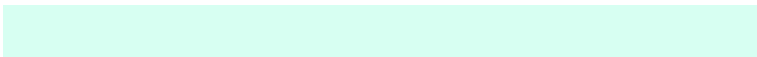
The Sweet Spot groups the original color and five complimentary colors.



73.5455, 76.6083, 105.5184



87.7327, 92.0993, 107.7607



79.8623, 92.3983, 97.8932



18.5658, 19.4826, 23.0319



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.



73.5455, 76.6083, 105.5184



69.5365, 72.1805, 104.8750



72.5781, 71.4047, 104.5650



17.4473, 18.2662, 22.8561



10.9140, 6.7376, 50.1598



1.1534, 0.8375, 4.9141

Inverse Universe

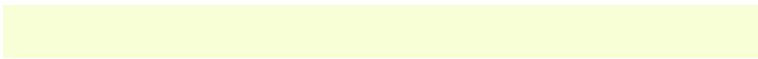
The Inverse Universe completely reimagines the original color for something new.



79.4069, 75.4085, 83.0467



76.5069, 70.8931, 78.1200



86.6195, 96.3221, 78.3183



18.2337, 18.0768, 19.8477



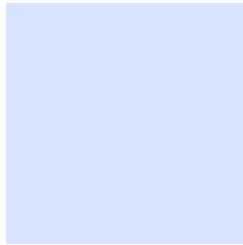
22.2971, 11.4081, 4.9489



2.2168, 1.1291, 0.7230

Previews

White Background



This preview shows how the XYZ color 73.5434, 76.6052, 105.5179 looks on a white background.

Color Contrast Check

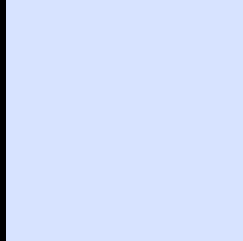
Large Text (above 18pt) WCAG AA × Fail

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 73.5434, 76.6052, 105.5179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

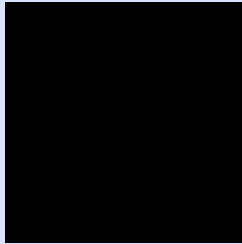
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.5434, 76.6052, 105.5179

Background



This preview shows how black text looks on a background with the XYZ color 73.5434, 76.6052, 105.5179.



This preview shows how white text looks on a background with the XYZ color 73.5434, 76.6052,

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

73.5434, 76.6052, 105.5179

Protanopia

75.2460, 76.6942, 104.6035

Deuteranopia

77.8381, 76.4253, 105.2568



Tritanopia

71.9725, 76.3483, 98.9390

Trichromacy



Original Color

73.5434, 76.6052, 105.5179

Protanomaly

74.6009, 76.7641, 104.6510

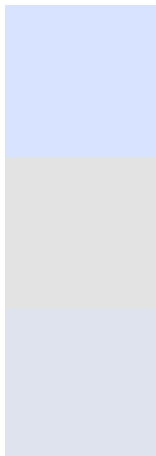
Deuteranomaly

76.1162, 76.3262, 105.3284

Tritanomaly

72.7303, 76.6851, 101.4109

Monochromacy



Original Color

73.5434, 76.6052, 105.5179

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

73.1866, 76.7406, 91.0758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.5434, 76.6052, 105.5179 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, 227, 255)` looks like.

```
.text, #text, p{  
    color:rgb(215, 227, 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, 227, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 227, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.5434, 76.6052, 105.5179 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, 227, 255) }
```


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

```
.border{ border-color:rgb(215, 227, 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, 227, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 227, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 227, 255);  
box-shadow:4px 4px 4px 4px rgb(215, 227,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.5434, 76.6052, 105.5179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 227, 255) }
```

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

```
.background{ background-color: rgb(215,  
227, 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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