

Converting Colors

XYZ(73.6451, 74.9093,
105.1852)

Have a look what the booklet for
XYZ(73.6451, 74.9093, 105.1852)
contains.

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Color

**XYZ(73.6511, 75.0554,
105.2131)**

Conversions

Conversions Part 1

Format	Color
Hex	DBDFFF
RGB	219, 223, 255
RGB Percent	86%, 87%, 100%
CMY	0.1412, 0.1255, 0.0000
CMYK	0.14, 0.13, 0.00, 0.00
HSL	233°, 100%, 93%
HSV	233°, 14%, 100%
XYZ	73.6511, 75.0554, 105.2131
YIQ	225.4520, -12.6560, 9.1040

Conversions

Conversions Part 2

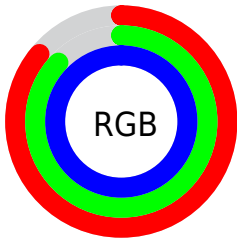
Format	Color
R _Y B	219, 223, 255
Decimal	14409727
CIE Lab	89.42, 4.86, -15.97
CIE LCh	89, 16.693, 286.923
Yxy	75.0554, 0.2901, 0.2956
Android (android.graphics.Color)	4292599807 (0xFFDBDFFF)
YUV	225.4520, 14.5672, -5.6584
Hunter-Lab	86.6345, 0.1388, -11.3604

Details

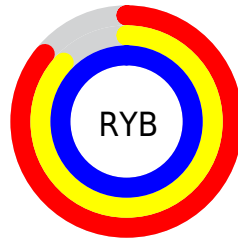
The XYZ color **73.6511, 75.0554, 105.2131** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **88.5229, 95.3674, 80.7616**, and the grayscale version is **71.7999, 75.5391, 82.2621**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.5055, 39.9750, 59.0599** is the 20% darker color. If you saturate the color by 10%, you get **60.9038, 60.0899, 102.9963**, and if you desaturate by 10%, it is **88.3882, 92.2538, 107.7560**.

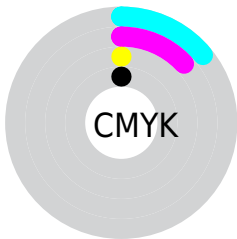
Distribution



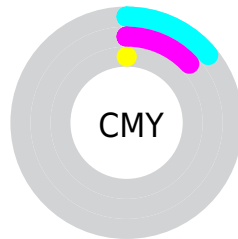
- Red (86%)
- Green (87%)
- Blue (100%)



- Red (86%)
- Yellow (87%)
- Blue (100%)



- Cyan (14%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (14%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6511, 75.0554, 105.2131 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 73.6511, 75.0554, 105.2131 by changing the saturation by 10% instead.

■ 73.6511, 75.0554,
105.2131

■ 73.6511, 75.0554,
105.2131

462.3373,
478.1080, 598.1690

■ 54.7988, 55.6583,
80.0202

123.3993,
126.3908, 170.4170

■ 39.4739, 39.9290,
59.2087

155.0258,
159.0978, 211.2652

■ 27.3109, 27.4832,
42.3601

191.6412,
197.0103, 258.1689

■ 17.9447, 17.9365,
29.0557

233.6107,
240.5126, 311.5466

■ 11.0097, 10.9044,
18.8770

281.2997,
289.9891, 371.8170

■ 6.1407, 6.0026,
11.4055

335.0735,

■ 2.9723, 2.8466,

345.8243, 439.3985

6.2227

395.2976,
408.4024, 514.7096

■ 1.1391, 1.0522,
2.9100

■ 0.0575, 0.0000,
1.0489

■ 73.6511, 75.0554,
105.2131

■ 73.6511, 75.0554,
105.2131

■ 60.9038, 60.0899,
102.9963

■ 88.3882, 92.2538,
107.7560

■ 50.0549, 47.2569,
101.0911

95.0500, 100.0000,
108.9000

■ 41.0149, 36.4616,
99.4838

■ 33.6847, 27.5986,
98.1594

■ 27.9557, 20.5530,
97.1014

■ 23.7065, 15.1974,
96.2917

■ 20.7980, 11.3879,
95.7096

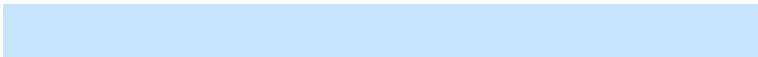
■ 19.0640, 8.9554,
95.3315

■ 18.4737, 8.0673,
95.1912

Harmonies

Analogous

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



69.5737, 75.0554, 105.6767



73.6511, 75.0554, 105.2131



77.2364, 75.0554, 98.0863

Triad

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



73.6511, 75.0554, 105.2131



76.8436, 75.0554, 66.3538



63.9502, 75.0554, 76.7329

Complementary

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



73.6511, 75.0554, 105.2131



88.5229, 95.3674, 80.7616

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.



65.7477, 75.0554, 67.2882



73.6511, 75.0554, 105.2131



73.1317, 75.0554, 61.6929

Square

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



73.6511, 75.0554, 105.2131



79.1273, 75.0554, 75.3418



69.0737, 75.0554, 62.0178



64.0773, 75.0554, 88.4538

Rectangle

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



73.6511, 75.0554, 105.2131



78.8184, 75.0554, 90.8702



69.0737, 75.0554, 62.0178



64.3464, 75.0554, 73.2104

Sweetspot

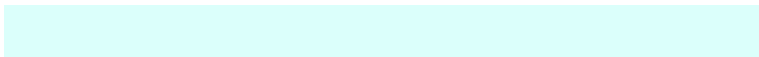
The Sweet Spot groups the original color and five complimentary colors.



73.6531, 75.0584, 105.2135



88.5722, 92.4680, 107.7876



82.3553, 93.5329, 104.8149



18.7053, 19.4977, 23.0275



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.



73.6531, 75.0584, 105.2135



69.7770, 70.5180, 104.5414



76.9216, 75.1745, 105.0637



17.1656, 17.7028, 22.7622



9.7046, 4.3187, 49.7567



0.9952, 0.5212, 4.8614

Inverse Universe

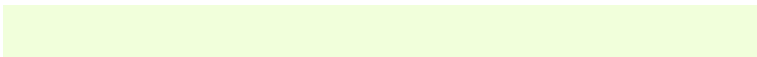
The Inverse Universe completely reimagines the original color for something new.



79.8921, 77.2523, 80.5159



77.1516, 73.1544, 75.3387



84.8908, 95.3708, 80.9537



18.0915, 18.0199, 19.0988



21.6866, 11.1639, 1.7342



2.1370, 1.0972, 0.3027

Previews

White Background



This preview shows how the XYZ color 73.6511, 75.0554, 105.2131 looks on a white background.

Color Contrast Check

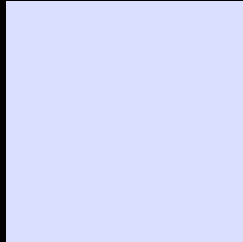
Large Text (above 18pt) WCAG AA × Fail

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 73.6511, 75.0554, 105.2131 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

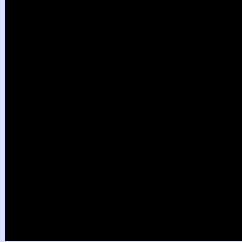
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.6511, 75.0554, 105.2131

Background



This preview shows how black text looks on a background with the XYZ color 73.6511, 75.0554, 105.2131.

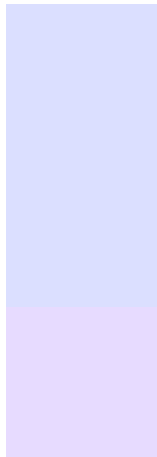


This preview shows how white text looks on a background with the XYZ color 73.6511, 75.0554,

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

73.6511, 75.0554, 105.2131

Protanopia

73.6511, 75.0554, 105.2131

Deuteranopia

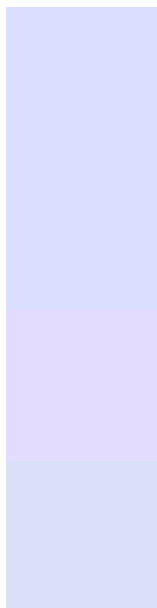
76.3365, 74.8720, 105.0361



Tritanopia

71.7181, 75.0732, 95.5046

Trichromacy



Original Color

73.6511, 75.0554, 105.2131

Protanomaly

73.6511, 75.0554, 105.2131

Deuteranomaly

75.3218, 74.7373, 105.0636

Tritanomaly

72.3576, 74.9321, 98.6454

Monochromacy



Original Color

73.6511, 75.0554, 105.2131

Achromatopsia

71.5672, 75.2942, 81.9954

Achromatomaly

72.2274, 75.0554, 90.0372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6511, 75.0554, 105.2131 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(219, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(219, 223, 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(219, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 223, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.6511, 75.0554, 105.2131 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(219, 223, 255) }
```


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

```
.border{ border-color:rgb(219, 223, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 223, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(219, 223,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6511, 75.0554, 105.2131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 223, 255) }
```

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

```
.background{ background-color: rgb(219,  
223, 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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