

Converting Colors

XYZ(73.8722, 76.4957,
105.4794)

Have a look what the booklet for
XYZ(73.8722, 76.4957, 105.4794)
contains.

XYZ(73.8616, 76.3644, 105.4546)	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(73.8616, 76.3644,
105.4546)**

Conversions

Conversions Part 1

Format	Color
Hex	D9E2FF
RGB	217, 226, 255
RGB Percent	85%, 89%, 100%
CMY	0.1490, 0.1137, 0.0000
CMYK	0.15, 0.11, 0.00, 0.00
HSL	226°, 100%, 93%
HSV	226°, 15%, 100%
XYZ	73.8616, 76.3644, 105.4546
YIQ	226.6150, -14.6730, 7.1110

Conversions

Conversions Part 2

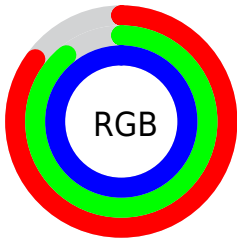
Format	Color
R_{YB}	217, 224, 255
Decimal	14279423
CIE _{Lab}	90.03, 2.67, -15.07
CIE _{LCh}	90, 15.306, 280.046
Yxy	76.3644, 0.2889, 0.2987
Android (android.graphics.Color)	4292469503 (0xFFD9E2FF)
YUV	226.6150, 13.9938, -8.4324
Hunter-Lab	87.3867, -2.0538, -10.3780

Details

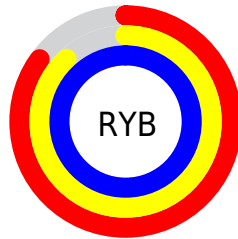
The XYZ color **73.8616, 76.3644, 105.4546** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.7197, 92.1798, 78.8691**, and the grayscale version is **72.6452, 76.4284, 83.2305**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6562, 40.8844, 59.2275** is the 20% darker color. If you saturate the color by 10%, you get **61.8655, 62.7678, 103.4625**, and if you desaturate by 10%, it is **87.6334, 91.7718, 107.7027**.

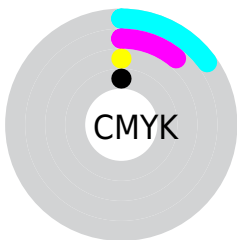
Distribution



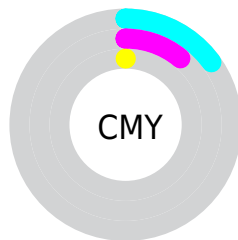
- Red (85%)
- Green (89%)
- Blue (100%)



- Red (85%)
- Yellow (88%)
- Blue (100%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.8616, 76.3644, 105.4546 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 73.8616, 76.3644, 105.4546 by changing the saturation by 10% instead.

■ 73.8616, 76.3644,
105.4546

■ 73.8616, 76.3644,
105.4546

463.0533,
482.5942, 598.9380

■ 54.9717, 56.7314,
80.2215

123.6962,
128.2419, 170.7501

■ 39.6128, 40.7896,
59.3734

155.3715,
161.2551, 211.6495

■ 27.4196, 28.1547,
42.4918

192.0393,
199.4972, 258.6082

■ 18.0268, 18.4423,
29.1581

234.0649,
243.3525, 312.0445

■ 11.0691, 11.2680,
18.9539

281.8138,
293.2055, 372.3771

■ 6.1809, 6.2474,
11.4605

335.6513,

■ 2.9971, 2.9961,

349.4405, 440.0246

6.2594

395.9426,
412.4419, 515.4054

■ 1.1522, 1.1297,
2.9321

■ 0.0682, 0.0031,
1.0601

■ 73.8616, 76.3644,
105.4546

■ 73.8616, 76.3644,
105.4546

■ 61.8655, 62.7678,
103.4625

■ 87.6334, 91.7718,
107.7027

■ 51.5654, 50.9053,
101.7157

95.0500, 100.0000,
108.9000

■ 42.8844, 40.7079,
100.2049

■ 35.7373, 32.0986,
98.9198

■ 30.0307, 24.9937,
97.8492

■ 25.6603, 19.3017,
96.9809

■ 22.5070, 14.9196,
96.3013

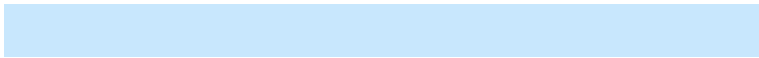
■ 20.4273, 11.7282,
95.7949

■ 19.6877, 10.4954,
95.5959

Harmonies

Analogous

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



70.1218, 76.3644, 104.3645



73.8616, 76.3644, 105.4546



77.3759, 76.3644, 100.1825

Triad

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



73.8616, 76.3644, 105.4546



78.3090, 76.3644, 70.4213



65.9410, 76.3644, 76.2222

Complementary

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



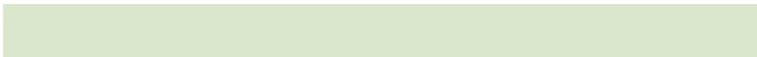
73.8616, 76.3644, 105.4546



86.7197, 92.1798, 78.8691

Split Complementary

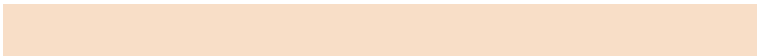
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.9905, 76.3644, 68.1627



73.8616, 76.3644, 105.4546



75.0993, 76.3644, 65.0211

Square

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



73.8616, 76.3644, 105.4546



80.0021, 76.3644, 79.5576



71.3174, 76.3644, 64.2319



65.6356, 76.3644, 86.8445

Rectangle

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



73.8616, 76.3644, 105.4546



79.0855, 76.3644, 94.0178



71.3174, 76.3644, 64.2319



66.4453, 76.3644, 73.1498

Sweetspot

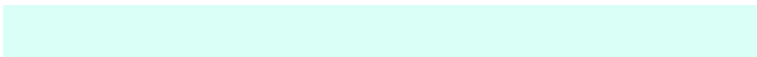
The Sweet Spot groups the original color and five complimentary colors.



73.8637, 76.3675, 105.4551



88.9635, 93.2506, 107.9180



80.9340, 92.8953, 100.4523



18.8039, 19.6950, 23.0604



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.



73.8637, 76.3675, 105.4551



69.9594, 71.9631, 104.8108



74.3851, 73.0969, 104.7963



17.3523, 18.0762, 22.8244



10.3818, 5.6733, 49.9824



1.0906, 0.7119, 4.8932

Inverse Universe

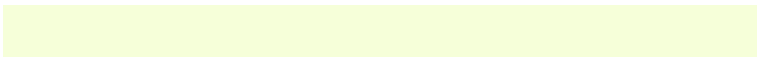
The Inverse Universe completely reimagines the original color for something new.



79.7816, 76.3782, 82.4926



76.9799, 72.0760, 77.5474



86.1158, 96.0325, 79.6446



18.1857, 18.0576, 19.5952



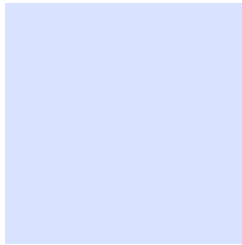
22.0285, 11.3007, 3.5344



2.1851, 1.1164, 0.5562

Previews

White Background



This preview shows how the XYZ color 73.8616, 76.3644, 105.4546 looks on a white background.

Color Contrast Check

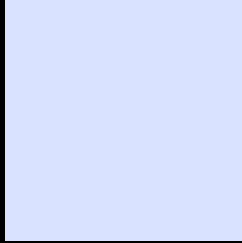
Large Text (above 18pt) WCAG AA × Fail

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 73.8616, 76.3644, 105.4546 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

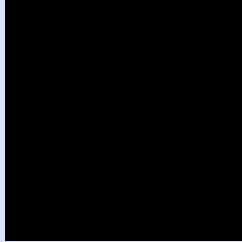
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.8616, 76.3644, 105.4546

Background



This preview shows how black text looks on a background with the XYZ color 73.8616, 76.3644, 105.4546.



This preview shows how white text looks on a background with the XYZ color 73.8616, 76.3644,

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

73.8616, 76.3644, 105.4546

Protanopia

74.9388, 76.5358, 104.5891

Deuteranopia

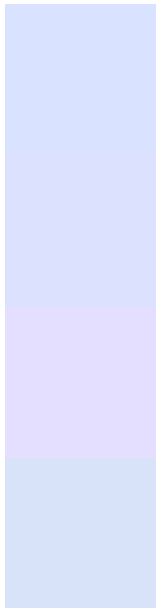
77.8381, 76.4253, 105.2568



Tritanopia

72.4023, 76.5877, 98.1557

Trichromacy



Original Color

73.8616, 76.3644, 105.4546

Protanomaly

74.3298, 76.2218, 104.5606

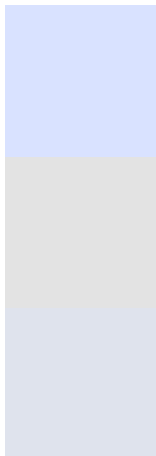
Deuteranomaly

76.4326, 76.4893, 105.3432

Tritanomaly

72.8869, 76.3767, 100.5232

Monochromacy



Original Color

73.8616, 76.3644, 105.4546

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 73.8616, 76.3644, 105.4546 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(217, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(217, 226, 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(217, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 226, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.8616, 76.3644, 105.4546 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(217, 226, 255) }
```


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

```
.border{ border-color:rgb(217, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(217, 226,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.8616, 76.3644, 105.4546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 226, 255) }
```

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

```
.background{ background-color: rgb(217,  
226, 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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