

Converting Colors

XYZ(73.8265, 78.1631,
105.8037)

Have a look what the booklet for
XYZ(73.8265, 78.1631, 105.8037)
contains.

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Color

**XYZ(73.7874, 77.9598,
105.7665)**

Conversions

Conversions Part 1

Format	Color
Hex	D5E6FF
RGB	213, 230, 255
RGB Percent	84%, 90%, 100%
CMY	0.1647, 0.0980, 0.0000
CMYK	0.16, 0.10, 0.00, 0.00
HSL	216°, 100%, 92%
HSV	216°, 16%, 100%
XYZ	73.7874, 77.9598, 105.7665
YIQ	227.7670, -18.1570, 4.1710

Conversions

Conversions Part 2

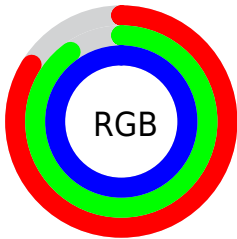
Format	Color
R _Y B	213, 225, 255
Decimal	14018303
CIE Lab	90.76, -0.64, -14.00
CIE LCh	91, 14.017, 267.363
Yxy	77.9598, 0.2865, 0.3027
Android (android.graphics.Color)	4292208383 (0xFFD5E6FF)
YUV	227.7670, 13.4259, -12.9507
Hunter-Lab	88.2948, -5.3448, -9.2158

Details

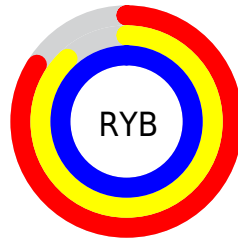
The XYZ color **73.7874, 77.9598, 105.7665** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **83.8244, 87.2118, 75.3680**, and the grayscale version is **73.4889, 77.3161, 84.1972**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.6236, 42.0063, 59.4457** is the 20% darker color. If you saturate the color by 10%, you get **62.9235, 66.3619, 104.1004**, and if you desaturate by 10%, it is **86.1862, 90.8989, 107.6105**.

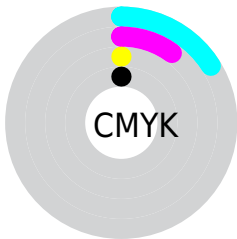
Distribution



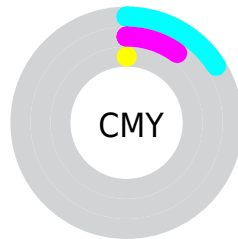
- Red (84%)
- Green (90%)
- Blue (100%)



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



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (16%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7874, 77.9598, 105.7665 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 73.7874, 77.9598, 105.7665 by changing the saturation by 10% instead.

■ 73.7874, 77.9598,
105.7665

■ 73.7874, 77.9598,
105.7665

462.8009,
488.0303, 599.9305

■ 54.9107, 58.0410,
80.4814

123.5915,
130.4935, 171.1801

■ 39.5638, 41.8416,
59.5861

155.2496,
163.8770, 212.1457

■ 27.3813, 28.9773,
42.6620

191.8990,
202.5177, 259.1752

■ 17.9979, 19.0636,
29.2906

233.9048,
246.7998, 312.6872

■ 11.0481, 11.7163,
19.0533

281.6326,
297.1077, 373.1002

■ 6.1668, 6.5508,
11.5316

335.4477,

■ 2.9884, 3.1828,

353.8258, 440.8327

6.3069

395.7153,
417.3385, 516.3033

■ 1.1476, 1.2279,
2.9608

■ 0.0644, 0.0843,
1.0747

■ 73.7874, 77.9598,
105.7665

■ 73.7874, 77.9598,
105.7665

■ 62.9235, 66.3619,
104.1004

■ 86.1862, 90.8989,
107.6105

■ 53.5246, 56.0493,
102.6053

95.0500, 100.0000,
108.9000

■ 45.5246, 46.9754,
101.2755

■ 38.8496, 39.0871,
100.1047

■ 33.4180, 32.3267,
99.0861

■ 29.1385, 26.6305,
98.2122

■ 25.9052, 21.9264,
97.4746

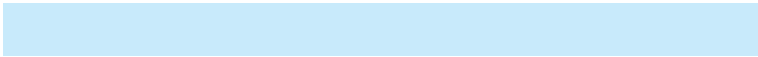
■ 23.5881, 18.1289,
96.8637

■ 22.9237, 16.9675,
96.6746

Harmonies

Analogous

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



70.5065, 77.9598, 102.2839



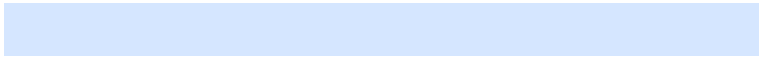
73.7874, 77.9598, 105.7665



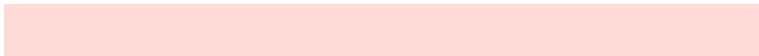
77.2543, 77.9598, 103.2974

Triad

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



73.7874, 77.9598, 105.7665



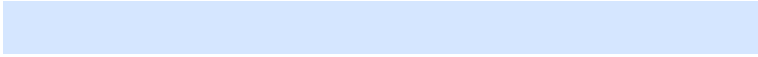
80.2759, 77.9598, 76.2805



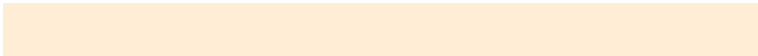
68.5417, 77.9598, 74.8507

Complementary

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



73.7874, 77.9598, 105.7665



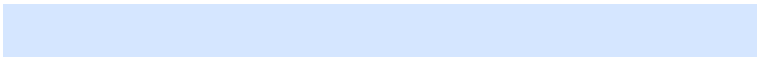
83.8244, 87.2118, 75.3680

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.



71.0297, 77.9598, 68.8018



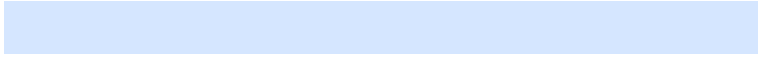
73.7874, 77.9598, 105.7665



77.8104, 77.9598, 69.5802

Square

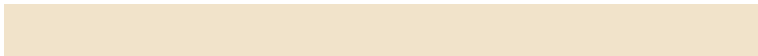
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7874, 77.9598, 105.7665



81.0700, 77.9598, 85.7802



74.4104, 77.9598, 66.9504



67.5385, 77.9598, 83.9960

Rectangle

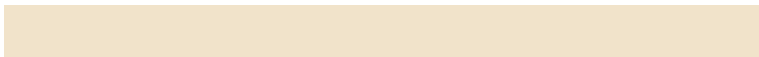
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



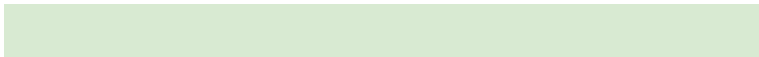
73.7874, 77.9598, 105.7665



79.1920, 77.9598, 98.7087



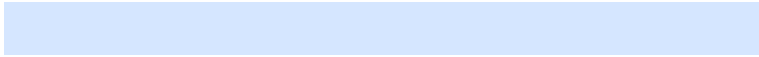
74.4104, 77.9598, 66.9504



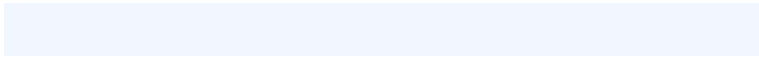
69.2282, 77.9598, 72.4162

Sweetspot

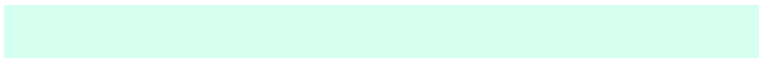
The Sweet Spot groups the original color and five complimentary colors.



73.7895, 77.9629, 105.7670



88.1407, 92.9152, 107.8967



78.5607, 91.8103, 94.0857



18.6648, 19.6805, 23.0649



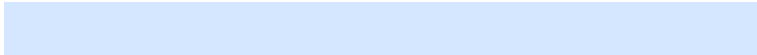
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



73.7895, 77.9629, 105.7670



69.7818, 73.7172, 105.1587



70.3124, 69.4853, 104.3139



17.6067, 18.5850, 22.9092



12.1154, 9.1403, 50.5603



1.2835, 1.0977, 4.9575

Inverse Universe

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



79.3185, 74.5632, 85.0782



76.3754, 69.8627, 80.4415



87.7347, 96.9265, 77.0370



18.3141, 18.1090, 20.2714



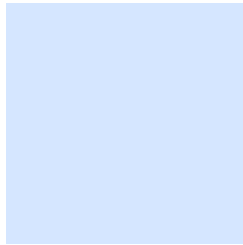
22.9035, 11.6507, 8.1421



2.2825, 1.1554, 1.0688

Previews

White Background



This preview shows how the XYZ color 73.7874, 77.9598, 105.7665 looks on a white background.

Color Contrast Check

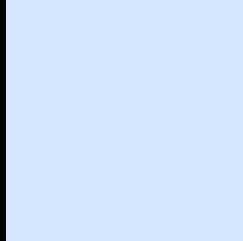
Large Text (above 18pt) WCAG AA × Fail

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 73.7874, 77.9598, 105.7665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

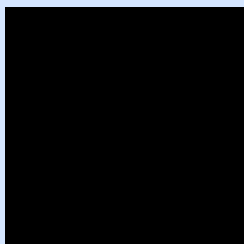
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

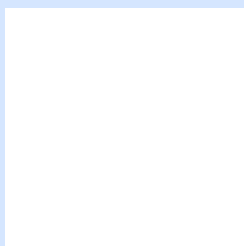
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7874, 77.9598, 105.7665

Background



This preview shows how black text looks on a background with the XYZ color 73.7874, 77.9598, 105.7665.

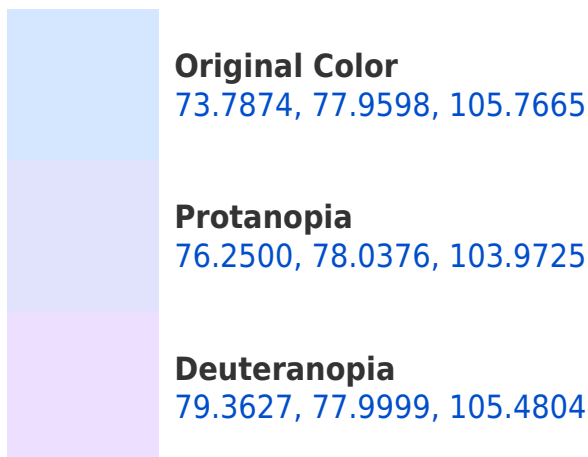


This preview shows how white text looks on a background with the XYZ color 73.7874, 77.9598,

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

72.8262, 77.9884, 100.8375

Trichromacy



Original Color

73.7874, 77.9598, 105.7665

Protanomaly

75.4516, 78.0147, 104.8476

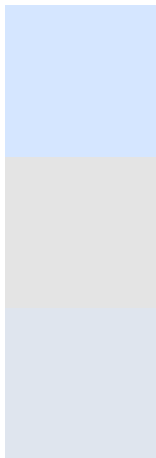
Deuteranomaly

77.2413, 78.1067, 105.6128

Tritanomaly

73.1399, 78.1139, 102.4894

Monochromacy



Original Color

73.7874, 77.9598, 105.7665

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.8834, 77.8996, 92.0310

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7874, 77.9598, 105.7665 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(213, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(213, 230, 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(213, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 230, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.7874, 77.9598, 105.7665 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(213, 230, 255) }
```


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

```
.border{ border-color:rgb(213, 230, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(213, 230,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7874, 77.9598, 105.7665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 230, 255) }
```

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

```
.background{ background-color: rgb(213,  
230, 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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