

Converting Colors

XYZ(73.6616, 78.7751,
105.9305)

Have a look what the booklet for
XYZ(73.6616, 78.7751, 105.9305)
contains.

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Color

**XYZ(73.7706, 78.7821,
105.9261)**

Conversions

Conversions Part 1

Format	Color
Hex	D3E8FF
RGB	211, 232, 255
RGB Percent	83%, 91%, 100%
CMY	0.1725, 0.0902, 0.0000
CMYK	0.17, 0.09, 0.00, 0.00
HSL	211°, 100%, 91%
HSV	211°, 17%, 100%
XYZ	73.7706, 78.7821, 105.9261
YIQ	228.3430, -19.8990, 2.7010

Conversions

Conversions Part 2

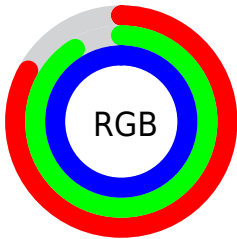
Format	Color
R_{YB}	211, 225, 255
Decimal	13887743
CIE _{Lab}	91.14, -2.29, -13.46
CIE _{LCh}	91, 13.650, 260.334
Yxy	78.7821, 0.2854, 0.3048
Android (android.graphics.Color)	4292077823 (0xFFD3E8FF)
YUV	228.3430, 13.1419, -15.2098
Hunter-Lab	88.7593, -6.9718, -8.6257

Details

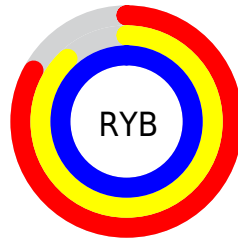
The XYZ color **73.7706, 78.7821, 105.9261** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.4204, 84.8077, 73.6553**, and the grayscale version is **73.9129, 77.7621, 84.6829**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4287, 42.1958, 59.4926** is the 20% darker color. If you saturate the color by 10%, you get **63.4265, 68.0918, 104.4078**, and if you desaturate by 10%, it is **85.5623, 90.6452, 107.5944**.

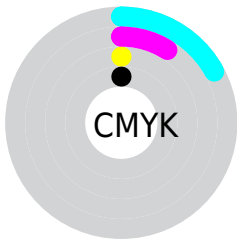
Distribution



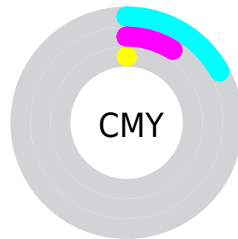
- Red (83%)
- Green (91%)
- Blue (100%)



- Red (83%)
- Yellow (88%)
- Blue (100%)



- Cyan (17%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7706, 78.7821, 105.9261 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 73.7706, 78.7821, 105.9261 by changing the saturation by 10% instead.

■ 73.7706, 78.7821,
105.9261

■ 73.7706, 78.7821,
105.9261

462.7438,
490.8189, 600.4380

■ 54.8969, 58.7167,
80.6145

123.5678,
131.6521, 171.4001

■ 39.5527, 42.3851,
59.6950

155.2221,
165.2254, 212.3995

■ 27.3726, 29.4029,
42.7491

191.8672,
204.0701, 259.4653

■ 17.9913, 19.3858,
29.3584

233.8686,
248.5707, 313.0159

■ 11.0434, 11.9494,
19.1042

281.5916,
299.1114, 373.4699

■ 6.1635, 6.7092,
11.5680

335.4016,

■ 2.9864, 3.2809,

356.0768, 441.2459

6.3313

395.6638,
419.8511, 516.7624

■ 1.1466, 1.2801,
2.9755

■ 0.0635, 0.1257,
1.0822

■ 73.7706, 78.7821,
105.9261

■ 73.7706, 78.7821,
105.9261

■ 63.4265, 68.0918,
104.4078

■ 85.5623, 90.6452,
107.5944

■ 54.4628, 58.5241,
103.0335

95.0500, 100.0000,
108.9000

■ 46.8164, 50.0388,
101.7987

■ 40.4160, 42.5894,
100.6982

■ 35.1833, 36.1249,
99.7262

■ 31.0298, 30.5890,
98.8766

■ 27.8524, 25.9172,
98.1423

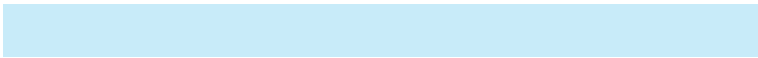
■ 25.5201, 22.0300,
97.5149

■ 24.9758, 21.0716,
97.3586

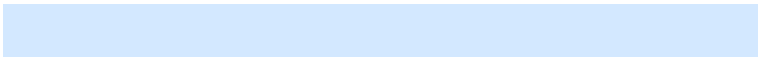
Harmonies

Analogous

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



70.7210, 78.7821, 101.2676



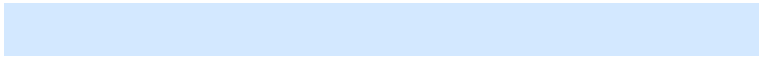
73.7706, 78.7821, 105.9261



77.2112, 78.7821, 104.8764

Triad

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



73.7706, 78.7821, 105.9261



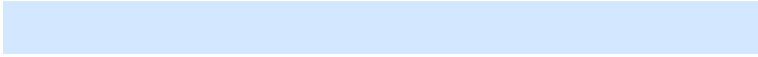
81.2806, 78.7821, 79.3404



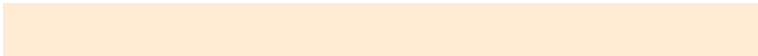
69.8840, 78.7821, 74.2051

Complementary

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



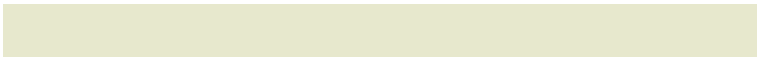
73.7706, 78.7821, 105.9261



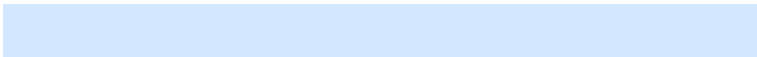
82.4204, 84.8077, 73.6553

Split Complementary

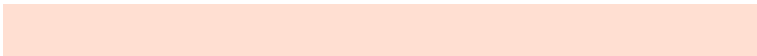
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.5963, 78.7821, 69.1555



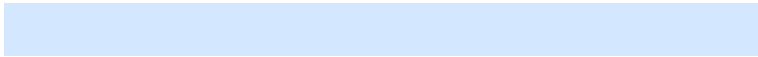
73.7706, 78.7821, 105.9261



79.1990, 78.7821, 71.9585

Square

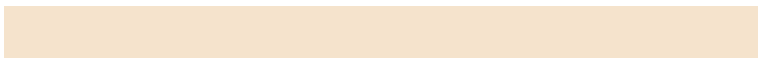
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.7706, 78.7821, 105.9261



81.6185, 78.7821, 89.0132



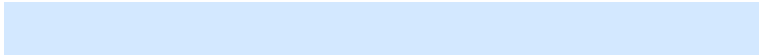
76.0005, 78.7821, 68.3659



68.5230, 78.7821, 82.6266

Rectangle

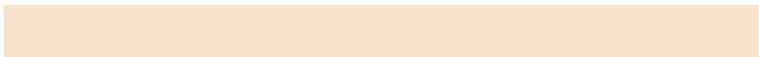
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.7706, 78.7821, 105.9261



79.2605, 78.7821, 101.1086



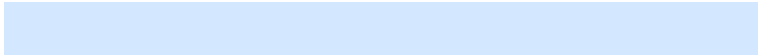
76.0005, 78.7821, 68.3659



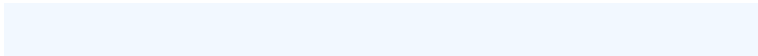
70.6640, 78.7821, 72.0852

Sweetspot

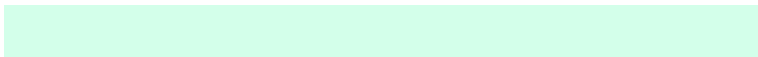
The Sweet Spot groups the original color and five complimentary colors.



73.7727, 78.7852, 105.9266



88.4247, 93.4833, 107.9913



77.4379, 91.2945, 91.1824



18.7337, 19.8185, 23.0879



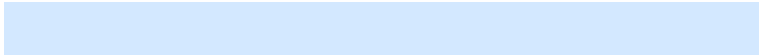
0.0000, 0.0000, 0.0000



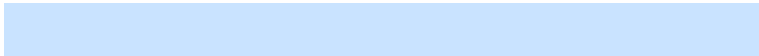
20.3446, 21.4041, 23.3091

Same Dimension

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



73.7727, 78.7852, 105.9266



69.7310, 74.6448, 105.3404



68.4202, 67.7677, 104.0821



17.7183, 18.8083, 22.9465



13.1977, 11.3051, 50.9211



1.3936, 1.3178, 4.9942

Inverse Universe

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



79.1011, 73.6763, 86.3994



76.0985, 68.7901, 81.9489



88.4889, 97.3445, 75.7553



18.3705, 18.1315, 20.5681



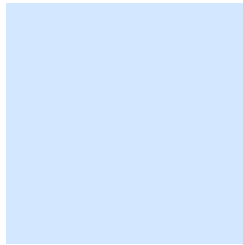
23.4498, 11.8692, 11.0191



2.3380, 1.1776, 1.3614

Previews

White Background



This preview shows how the XYZ color 73.7706, 78.7821, 105.9261 looks on a white background.

Color Contrast Check

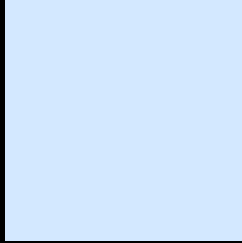
Large Text (above 18pt) WCAG AA × Fail

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 73.7706, 78.7821, 105.9261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

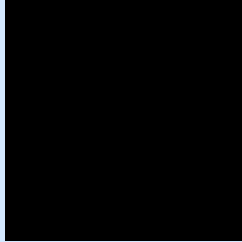
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

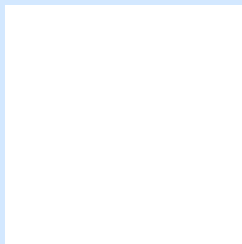
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7706, 78.7821, 105.9261

Background



This preview shows how black text looks on a background with the XYZ color 73.7706, 78.7821, 105.9261.



This preview shows how white text looks on a background with the XYZ color 73.7706, 78.7821,

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

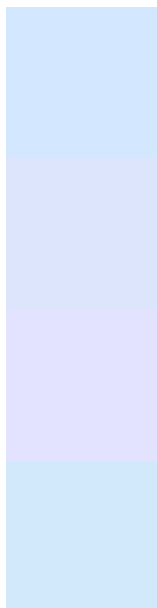




Tritanopia

73.1298, 78.9445, 102.6502

Trichromacy



Original Color

73.7706, 78.7821, 105.9261

Protanomaly

75.5677, 78.5026, 104.0982

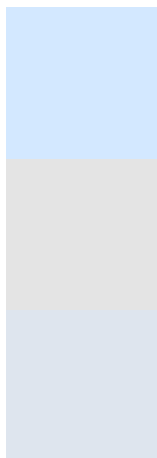
Deuteranomaly

77.5140, 78.6522, 105.7037

Tritanomaly

73.2879, 79.0077, 103.4828

Monochromacy



Original Color

73.7706, 78.7821, 105.9261

Achromatopsia

73.7419, 77.5822, 84.4870

Achromatomaly

73.5761, 77.7413, 92.0166

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7706, 78.7821, 105.9261 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(211, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 232, 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(211, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 232, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.7706, 78.7821, 105.9261 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(211, 232, 255) }
```


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

```
.border{ border-color:rgb(211, 232, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 232, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 232,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7706, 78.7821, 105.9261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 232, 255) }
```

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

```
.background{ background-color: rgb(211,  
232, 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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