

Converting Colors

XYZ(73.5425, 80.1926,
106.2104)

Have a look what the booklet for
XYZ(73.5425, 80.1926, 106.2104)
contains.

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Color

**XYZ(73.7776, 80.4763,
106.2527)**

Conversions

Conversions Part 1

Format	Color
Hex	CFECCF
RGB	207, 236, 255
RGB Percent	81%, 93%, 100%
CMY	0.1882, 0.0745, 0.0000
CMYK	0.19, 0.07, 0.00, 0.00
HSL	204°, 100%, 91%
HSV	204°, 19%, 100%
XYZ	73.7776, 80.4763, 106.2527
YIQ	229.4950, -23.3830, -0.2390

Conversions

Conversions Part 2

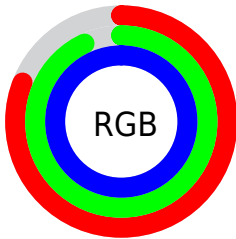
Format	Color
R _Y B	207, 225, 255
Decimal	13626623
CIE Lab	91.90, -5.56, -12.35
CIE LCh	92, 13.541, 245.738
Yxy	80.4763, 0.2832, 0.3089
Android (android.graphics.Color)	4291816703 (0xFFCFECFF)
YUV	229.4950, 12.5740, -19.7281
Hunter-Lab	89.7086, -10.1891, -7.4283

Details

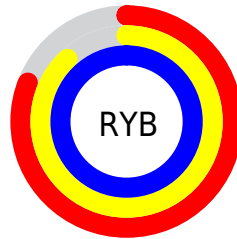
The XYZ color **73.7776, 80.4763, 106.2527** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.6986, 80.1567, 70.3045**, and the grayscale version is **74.7652, 78.6588, 85.6594**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.4632, 43.3951, 59.7222** is the 20% darker color. If you saturate the color by 10%, you get **64.3969, 71.4501, 105.0049**, and if you desaturate by 10%, it is **84.4773, 90.4304, 107.6101**.

Distribution



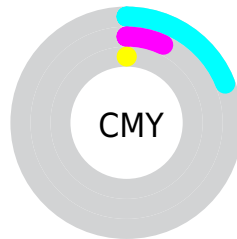
- Red (81%)
- Green (93%)
- Blue (100%)



- Red (81%)
- Yellow (88%)
- Blue (100%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.7776, 80.4763, 106.2527 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 73.7776, 80.4763, 106.2527 by changing the saturation by 10% instead.

■ 73.7776, 80.4763,
106.2527

■ 73.7776, 80.4763,
106.2527

462.7676,
496.5365, 601.4758

■ 54.9027, 60.1104,
80.8867

123.5777,
134.0352, 171.8502

■ 39.5573, 43.5076,
59.9179

155.2335,
167.9969, 212.9187

■ 27.3762, 30.2836,
42.9276

191.8804,
207.2594, 260.0586

■ 17.9940, 20.0539,
29.4973

233.8837,
252.2070, 313.6882

■ 11.0454, 12.4343,
19.2085

281.6087,
303.2241, 374.2262

■ 6.1649, 7.0402,
11.6427

335.4208,

■ 2.9872, 3.4872,

360.6952, 442.0911

6.3813

395.6853,
425.0045, 517.7015

■ 1.1470, 1.3911,
3.0058

■ 0.0639, 0.2101,
1.0976

■ 73.7776, 80.4763,
106.2527

■ 73.7776, 80.4763,
106.2527

■ 64.3969, 71.4501,
105.0049

■ 84.4773, 90.4304,
107.6101

■ 56.2710, 63.3084,
103.8617

95.0500, 100.0000,
108.9000

■ 49.3395, 56.0182,
102.8199

■ 43.5344, 49.5401,
101.8754

■ 38.7799, 43.8308,
101.0240

■ 34.9900, 38.8415,
100.2607

■ 32.0634, 34.5153,
99.5799

■ 29.8541, 30.7723,
98.9739

■ 29.6192, 30.3584,
98.9064

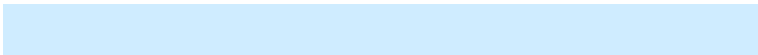
Harmonies

Analogous

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



71.1943, 80.4763, 99.2829



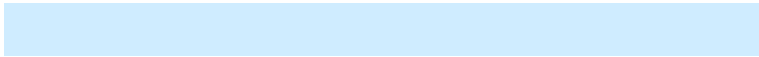
73.7776, 80.4763, 106.2527



77.1602, 80.4763, 108.0759

Triad

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



73.7776, 80.4763, 106.2527



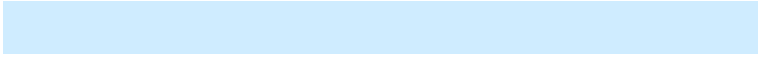
83.3325, 80.4763, 85.7260



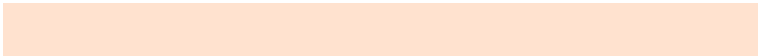
72.6540, 80.4763, 72.9931

Complementary

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



73.7776, 80.4763, 106.2527



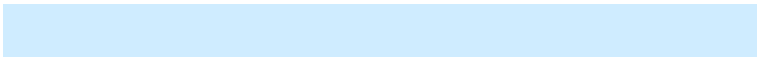
79.6986, 80.1567, 70.3045

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.



75.8243, 80.4763, 69.9319



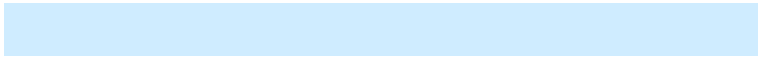
73.7776, 80.4763, 106.2527



82.0426, 80.4763, 76.9174

Square

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



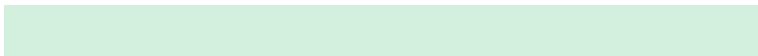
73.7776, 80.4763, 106.2527



82.7445, 80.4763, 95.7252



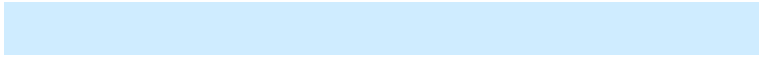
79.2687, 80.4763, 71.3126



70.5595, 80.4763, 79.9952

Rectangle

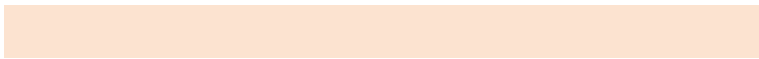
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.7776, 80.4763, 106.2527



79.4285, 80.4763, 106.0161



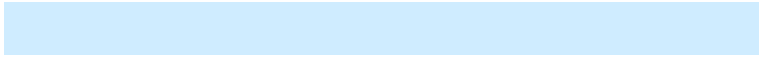
79.2687, 80.4763, 71.3126



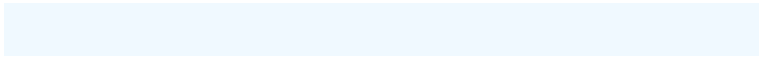
73.6255, 80.4763, 71.4942

Sweetspot

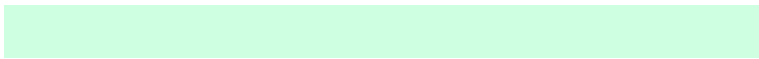
The Sweet Spot groups the original color and five complimentary colors.



73.7798, 80.4795, 106.2532



87.7421, 93.4101, 108.0132



75.1384, 90.2440, 84.9804



18.6166, 19.8446, 23.0991



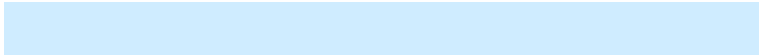
0.0000, 0.0000, 0.0000



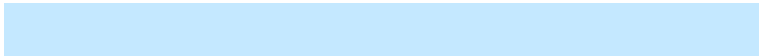
20.3446, 21.4041, 23.3091

Same Dimension

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



73.7798, 80.4795, 106.2532



69.7033, 76.5972, 105.7187



67.4773, 67.8745, 104.1524



17.9163, 19.2041, 23.0124



15.6265, 16.1626, 51.7307



1.6282, 1.7871, 5.0724

Inverse Universe

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



78.6945, 71.9434, 89.0994



75.5945, 66.7121, 85.0793



86.5024, 93.7642, 72.5724



18.4704, 18.1715, 21.0942



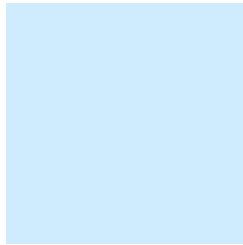
24.6757, 12.3596, 17.4748



2.4564, 1.2250, 1.9850

Previews

White Background



This preview shows how the XYZ color 73.7776, 80.4763, 106.2527 looks on a white background.

Color Contrast Check

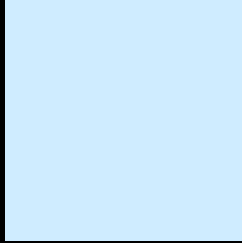
Large Text (above 18pt) WCAG AA × Fail

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 73.7776, 80.4763, 106.2527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

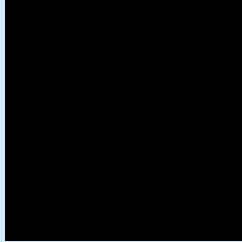
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

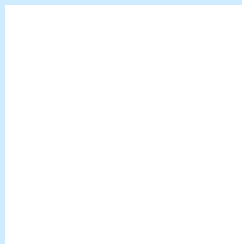
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.7776, 80.4763, 106.2527

Background



This preview shows how black text looks on a background with the XYZ color 73.7776, 80.4763, 106.2527.

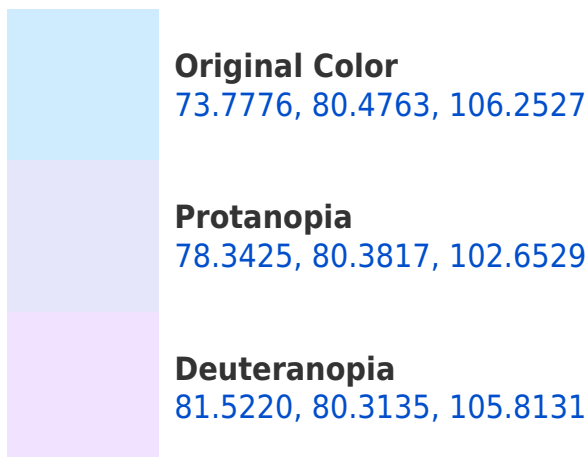


This preview shows how white text looks on a background with the XYZ color 73.7776, 80.4763,

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

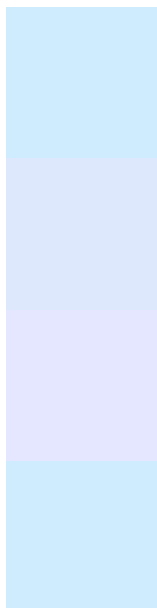




Tritanopia

73.7776, 80.4763, 106.2527

Trichromacy



Original Color

73.7776, 80.4763, 106.2527

Protanomaly

76.5515, 80.2711, 103.5546

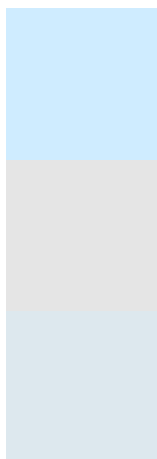
Deuteranomaly

78.6599, 80.4716, 105.9945

Tritanomaly

73.7776, 80.4763, 106.2527

Monochromacy



Original Color

73.7776, 80.4763, 106.2527

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

74.1080, 79.2584, 92.2814

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.7776, 80.4763, 106.2527 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(207, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 236, 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(207, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 236, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.7776, 80.4763, 106.2527 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(207, 236, 255) }
```


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

```
.border{ border-color:rgb(207, 236, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 236,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.7776, 80.4763, 106.2527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 236, 255) }
```

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

```
.background{ background-color: rgb(207,  
236, 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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