

Converting Colors

XYZ(73.4443, 80.2532,
106.1801)

Have a look what the booklet for
XYZ(73.4443, 80.2532, 106.1801)
contains.

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Color

**XYZ(73.4991, 80.3327,
106.2397)**

Conversions

Conversions Part 1

Format	Color
Hex	CEECFE
RGB	206, 236, 255
RGB Percent	81%, 93%, 100%
CMY	0.1921, 0.0745, 0.0000
CMYK	0.19, 0.07, 0.00, 0.00
HSL	203°, 100%, 90%
HSV	203°, 19%, 100%
XYZ	73.4991, 80.3327, 106.2397
YIQ	229.1960, -23.9790, -0.4510

Conversions

Conversions Part 2

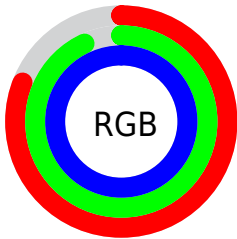
Format	Color
R _Y B	206, 225, 255
Decimal	13561087
CIE Lab	91.83, -5.87, -12.45
CIE LCh	92, 13.761, 244.766
Yxy	80.3327, 0.2826, 0.3089
Android (android.graphics.Color)	4291751167 (0xFFCEECFF)
YUV	229.1960, 12.7214, -20.3429
Hunter-Lab	89.6285, -10.4725, -7.5385

Details

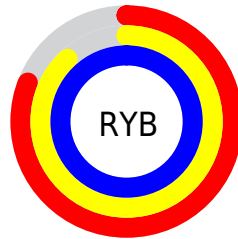
The XYZ color **73.4991, 80.3327, 106.2397** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.3057, 79.5658, 69.5723**, and the grayscale version is **74.5442, 78.4263, 85.4062**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2768, 43.2990, 59.7135** is the 20% darker color. If you saturate the color by 10%, you get **64.2184, 71.4412, 105.0126**, and if you desaturate by 10%, it is **84.0901, 90.1378, 107.5740**.

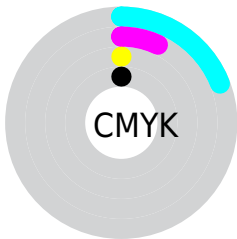
Distribution



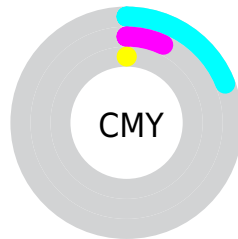
- Red (81%)
- Green (93%)
- Blue (100%)



- 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 73.4991, 80.3327, 106.2397 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 73.4991, 80.3327, 106.2397 by changing the saturation by 10% instead.

73.4991, 80.3327,
106.2397

73.4991, 80.3327,
106.2397

461.8198,
496.0533, 601.4345

54.6740, 59.9922,
80.8759

123.1848,
133.8334, 171.8323

39.3736, 43.4123,
59.9090

154.7761,
167.7623, 212.8981

27.2325, 30.2088,
42.9205

191.3535,
206.9896, 260.0350

17.8854, 19.9971,
29.4918

233.2824,
251.8994, 313.6615

10.9669, 12.3929,
19.2044

280.9282,
302.8763, 374.1961

6.1117, 7.0119,
11.6397

334.6561,

2.9544, 3.4695,

360.3047, 442.0575

6.3793

394.8315,
424.5689, 517.6641

■ 1.1297, 1.3815,
3.0046

■ 0.0498, 0.2030,
1.0970

■ 73.4991, 80.3327,
106.2397

■ 73.4991, 80.3327,
106.2397

■ 64.2184, 71.4412,
105.0126

■ 84.0901, 90.1378,
107.5740

■ 56.1838, 63.4201,
103.8878

95.0500, 100.0000,
108.9000

■ 49.3348, 56.2366,
102.8623

■ 43.6034, 49.8515,
101.9319

■ 38.9136, 44.2218,
101.0924

■ 35.1792, 39.2988,
100.3390

■ 32.2982, 35.0255,
99.6660

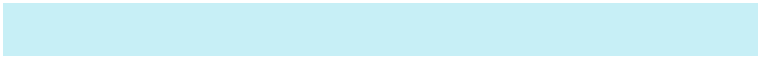
■ 30.1182, 31.3191,
99.0655

■ 29.9622, 31.0444,
99.0207

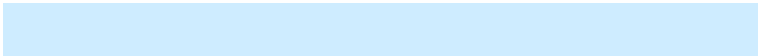
Harmonies

Analogous

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



70.9173, 80.3327, 99.0176



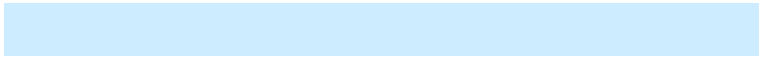
73.4991, 80.3327, 106.2397



76.9187, 80.3327, 108.2860

Triad

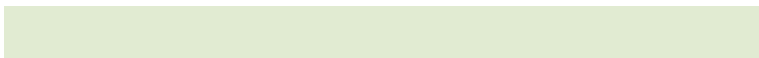
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.4991, 80.3327, 106.2397



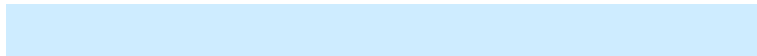
83.3133, 80.3327, 85.8648



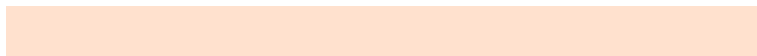
72.5517, 80.3327, 72.4643

Complementary

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



73.4991, 80.3327, 106.2397



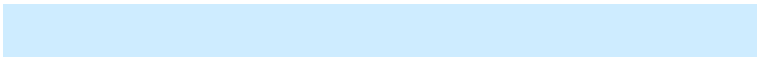
79.3057, 79.5658, 69.5723

Split Complementary

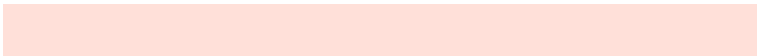
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.7917, 80.3327, 69.5064



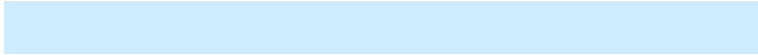
73.4991, 80.3327, 106.2397



82.0614, 80.3327, 76.8546

Square

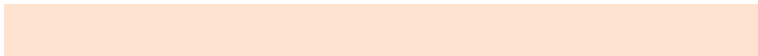
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



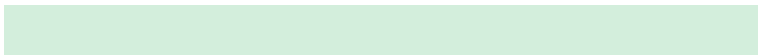
73.4991, 80.3327, 106.2397



82.6540, 80.3327, 96.0124



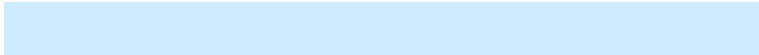
79.2815, 80.3327, 71.0501



70.3822, 80.3327, 79.4474

Rectangle

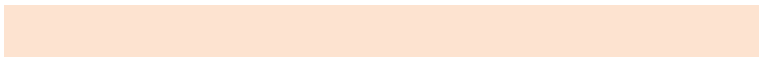
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.4991, 80.3327, 106.2397



79.2301, 80.3327, 106.3160



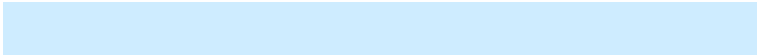
79.2815, 80.3327, 71.0501



73.5480, 80.3327, 70.9918

Sweetspot

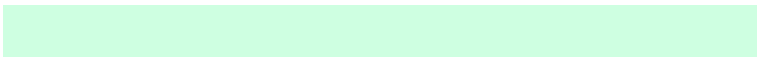
The Sweet Spot groups the original color and five complimentary colors.



73.5012, 80.3359, 106.2402



87.7803, 93.4865, 108.0259



74.7757, 90.0668, 84.5241



18.6256, 19.8626, 23.1021



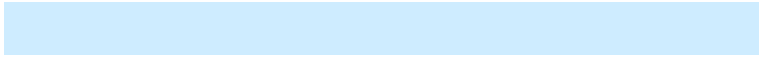
0.0000, 0.0000, 0.0000



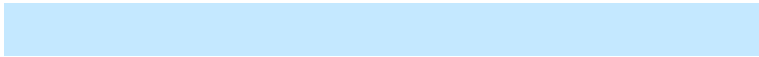
20.3446, 21.4041, 23.3091

Same Dimension

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



73.5012, 80.3359, 106.2402



69.8367, 76.8639, 105.7632



66.9778, 67.2890, 104.0657



17.9290, 19.2296, 23.0167



15.8052, 16.5199, 51.7902



1.6450, 1.8207, 5.0780

Inverse Universe

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



78.4530, 71.4604, 89.0188



75.6618, 66.7391, 85.4337



86.3444, 93.6432, 71.9185



18.4768, 18.1740, 21.1280



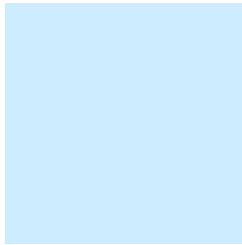
24.7659, 12.3957, 17.9496



2.4649, 1.2283, 2.0297

Previews

White Background



This preview shows how the XYZ color 73.4991, 80.3327, 106.2397 looks on a white background.

Color Contrast Check

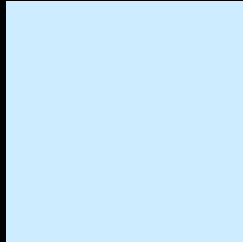
Large Text (above 18pt) WCAG AA × Fail

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 73.4991, 80.3327, 106.2397 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

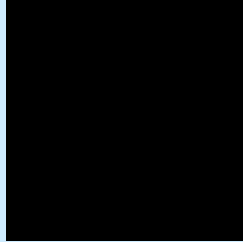
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

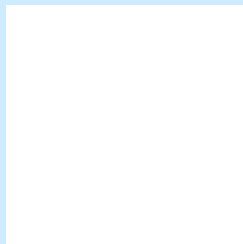
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.4991, 80.3327, 106.2397

Background



This preview shows how black text looks on a background with the XYZ color 73.4991, 80.3327, 106.2397.



This preview shows how white text looks on a background with the XYZ color 73.4991, 80.3327,

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

73.4991, 80.3327, 106.2397

Protanopia

78.0225, 80.2167, 102.6379

Deuteranopia

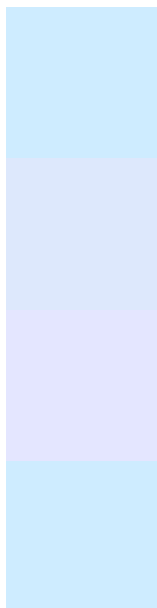
81.5220, 80.3135, 105.8131



Tritanopia

73.4991, 80.3327, 106.2397

Trichromacy



Original Color

73.4991, 80.3327, 106.2397

Protanomaly

76.2461, 80.1137, 103.5403

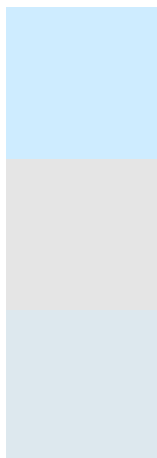
Deuteranomaly

78.3417, 80.3076, 105.9796

Tritanomaly

73.4991, 80.3327, 106.2397

Monochromacy



Original Color

73.4991, 80.3327, 106.2397

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 73.4991, 80.3327, 106.2397 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(206, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 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(206, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 236, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.4991, 80.3327, 106.2397 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(206, 236, 255) }
```


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

```
.border{ border-color:rgb(206, 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(206, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 236,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.4991, 80.3327, 106.2397 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 236, 255) }
```

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

```
.background{ background-color: rgb(206,  
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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