

Converting Colors

XYZ(73.0360, 79.9642,
106.1930)

Have a look what the booklet for
XYZ(73.0360, 79.9642, 106.1930)
contains.

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Color

**XYZ(73.2223, 80.1900,
106.2267)**

Conversions

Conversions Part 1

Format	Color
Hex	CDECFE
RGB	205, 236, 255
RGB Percent	80%, 93%, 100%
CMY	0.1961, 0.0745, 0.0000
CMYK	0.20, 0.07, 0.00, 0.00
HSL	203°, 100%, 90%
HSV	203°, 20%, 100%
XYZ	73.2223, 80.1900, 106.2267
YIQ	228.8970, -24.5750, -0.6630

Conversions

Conversions Part 2

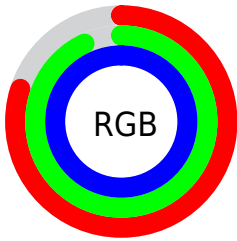
Format	Color
R _Y B	205, 224, 255
Decimal	13495551
CIE Lab	91.77, -6.17, -12.55
CIE LCh	92, 13.984, 243.827
Yxy	80.1900, 0.2820, 0.3089
Android (android.graphics.Color)	4291685631 (0xFFCDECFF)
YUV	228.8970, 12.8688, -20.9577
Hunter-Lab	89.5489, -10.7547, -7.6481

Details

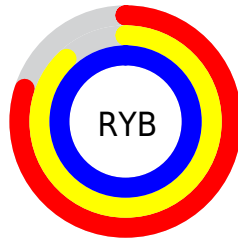
The XYZ color **73.2223, 80.1900, 106.2267** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **78.9149, 78.9782, 68.8445**, and the grayscale version is **74.3236, 78.1942, 85.1535**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.0920, 43.2038, 59.7049** is the 20% darker color. If you saturate the color by 10%, you get **64.0394, 71.4288, 105.0196**, and if you desaturate by 10%, it is **83.7072, 89.8512, 107.5389**.

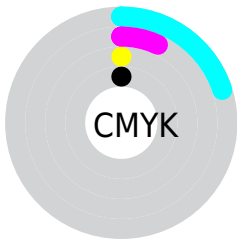
Distribution



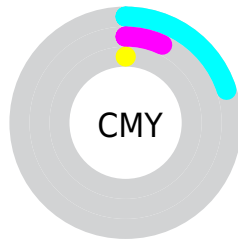
- Red (80%)
- Green (93%)
- Blue (100%)



- Red (80%)
- Yellow (88%)
- Blue (100%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2223, 80.1900, 106.2267 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 73.2223, 80.1900, 106.2267 by changing the saturation by 10% instead.

■ 73.2223, 80.1900,
106.2267

■ 73.2223, 80.1900,
106.2267

460.8768,
495.5729, 601.3932

■ 54.4468, 59.8747,
80.8650

122.7942,
133.6328, 171.8143

■ 39.1911, 43.3177,
59.9001

154.3212,
167.5292, 212.8774

■ 27.0898, 30.1344,
42.9134

190.8295,
206.7213, 260.0113

■ 17.7776, 19.9407,
29.4862

232.6844,
251.5936, 313.6347

■ 10.8892, 12.3519,
19.2002

280.2512,
302.5306, 374.1660

■ 6.0591, 6.9838,
11.6368

333.8953,

■ 2.9220, 3.4520,

359.9165, 442.0239

6.3773

393.9820,
424.1358, 517.6268

■ 1.1127, 1.3720,
3.0034

■ 0.0357, 0.1960,
1.0964

■ 73.2223, 80.1900,
106.2267

■ 73.2223, 80.1900,
106.2267

■ 64.0394, 71.4288,
105.0196

■ 83.7072, 89.8512,
107.5389

■ 56.0942, 63.5247,
103.9128

95.0500, 100.0000,
108.9000

■ 49.3263, 56.4450,
102.9030

■ 43.6674, 50.1509,
101.9863

■ 39.0415, 44.5992,
101.1585

■ 35.3620, 39.7416,
100.4149

■ 32.5263, 35.5209,
99.7497

■ 30.3748, 31.8510,
99.1547

■ 30.2971, 31.7142,
99.1324

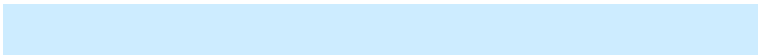
Harmonies

Analogous

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



70.6420, 80.1900, 98.7534



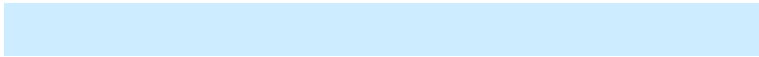
73.2223, 80.1900, 106.2267



76.6785, 80.1900, 108.4960

Triad

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



73.2223, 80.1900, 106.2267



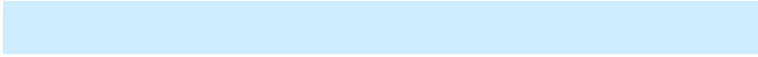
83.2943, 80.1900, 86.0041



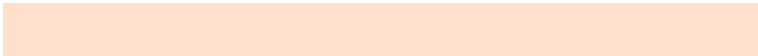
72.4503, 80.1900, 71.9399

Complementary

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



73.2223, 80.1900, 106.2267



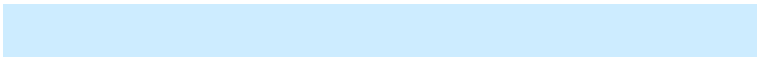
78.9149, 78.9782, 68.8445

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.



75.7597, 80.1900, 69.0844



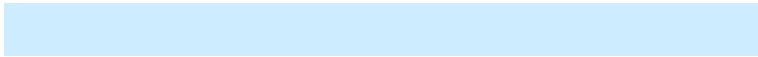
73.2223, 80.1900, 106.2267



82.0803, 80.1900, 76.7927

Square

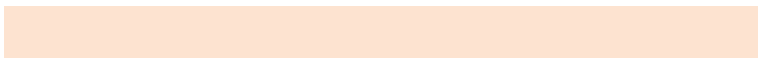
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



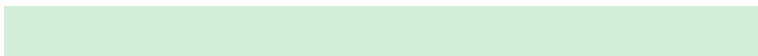
73.2223, 80.1900, 106.2267



82.5640, 80.1900, 96.3000



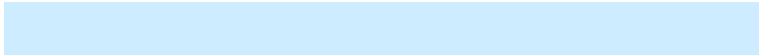
79.2947, 80.1900, 70.7897



70.2062, 80.1900, 78.9038

Rectangle

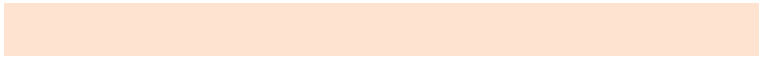
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.2223, 80.1900, 106.2267



79.0328, 80.1900, 106.6158



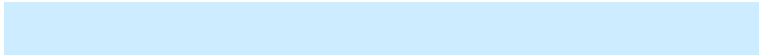
79.2947, 80.1900, 70.7897



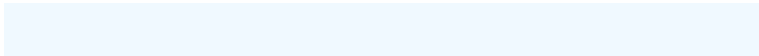
73.4712, 80.1900, 70.4935

Sweetspot

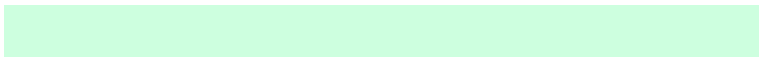
The Sweet Spot groups the original color and five complimentary colors.



73.2245, 80.1932, 106.2272



87.8170, 93.5599, 108.0382



74.3022, 89.8454, 83.4749



18.6343, 19.8800, 23.1050



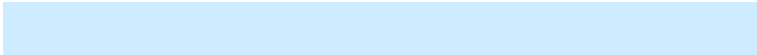
0.0000, 0.0000, 0.0000



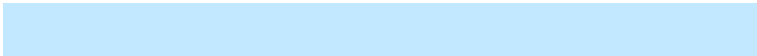
20.3446, 21.4041, 23.3091

Same Dimension

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



73.2245, 80.1932, 106.2272



69.0327, 76.2346, 105.6841



66.6885, 67.1213, 104.0486



17.9412, 19.2540, 23.0207



15.9795, 16.8686, 51.8483



1.6613, 1.8534, 5.0835

Inverse Universe

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



78.2130, 70.9804, 88.9388



75.0171, 65.5665, 84.8585



85.9299, 93.0081, 71.1828



18.4830, 18.1765, 21.1604



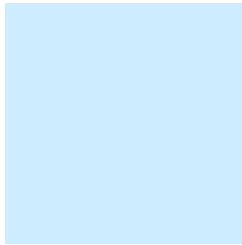
24.8539, 12.4309, 18.4131



2.4732, 1.2316, 2.0732

Previews

White Background



This preview shows how the XYZ color 73.2223, 80.1900, 106.2267 looks on a white background.

Color Contrast Check

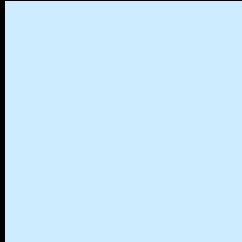
Large Text (above 18pt) WCAG AA × Fail

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 73.2223, 80.1900, 106.2267 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

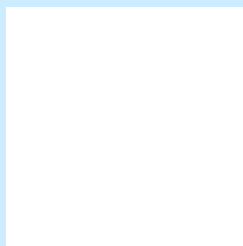
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2223, 80.1900, 106.2267

Background



This preview shows how black text looks on a background with the XYZ color 73.2223, 80.1900, 106.2267.



This preview shows how white text looks on a background with the XYZ color 73.2223, 80.1900,

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

73.2223, 80.1900, 106.2267

Protanopia

77.7450, 79.6617, 102.5454

Deuteranopia

80.9104, 79.5957, 105.7068



Tritanopia

73.2223, 80.1900, 106.2267

Trichromacy



Original Color

73.2223, 80.1900, 106.2267

Protanomaly

75.9425, 79.9571, 103.5261

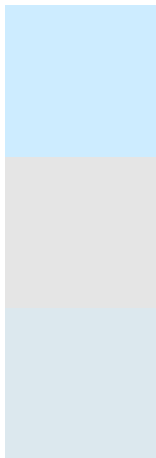
Deuteranomaly

77.7479, 79.5895, 105.8723

Tritanomaly

73.2223, 80.1900, 106.2267

Monochromacy



Original Color

73.2223, 80.1900, 106.2267

Achromatopsia

74.4753, 78.3538, 85.3273

Achromatomaly

73.8044, 79.1019, 92.2672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2223, 80.1900, 106.2267 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(205, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(205, 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(205, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 236, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.2223, 80.1900, 106.2267 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(205, 236, 255) }
```


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

```
.border{ border-color:rgb(205, 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(205, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(205, 236,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2223, 80.1900, 106.2267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 236, 255) }
```

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

```
.background{ background-color: rgb(205,  
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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