

Converting Colors

XYZ(72.6414, 78.3895,
105.9098)

Have a look what the booklet for
XYZ(72.6414, 78.3895, 105.9098)
contains.

XYZ(72.6387, 78.1986, 105.8731)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(72.6387, 78.1986,
105.8731)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE8FF
RGB	207, 232, 255
RGB Percent	81%, 91%, 100%
CMY	0.1882, 0.0902, 0.0000
CMYK	0.19, 0.09, 0.00, 0.00
HSL	209°, 100%, 91%
HSV	209°, 19%, 100%
XYZ	72.6387, 78.1986, 105.8731
YIQ	227.1470, -22.2830, 1.8530

Conversions

Conversions Part 2

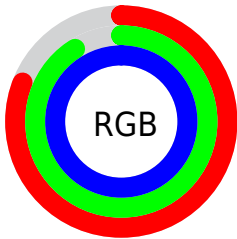
Format	Color
R_{YB}	207, 223, 255
Decimal	13625599
CIE _{Lab}	90.87, -3.51, -13.88
CIE _{LCh}	91, 14.318, 255.804
Yxy	78.1986, 0.2830, 0.3046
Android (android.graphics.Color)	4291815679 (0xFFCFE8FF)
YUV	227.1470, 13.7315, -17.6689
Hunter-Lab	88.4300, -8.1279, -9.0842

Details

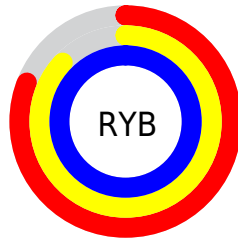
The XYZ color **72.6387, 78.1986, 105.8731** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **80.7990, 82.3575, 70.6711**, and the grayscale version is **73.0372, 76.8408, 83.6797**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.6673, 41.8033, 59.4569** is the 20% darker color. If you saturate the color by 10%, you get **62.7617, 68.1798, 104.4599**, and if you desaturate by 10%, it is **83.9095, 89.2949, 107.4209**.

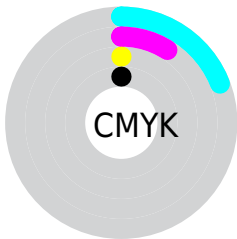
Distribution



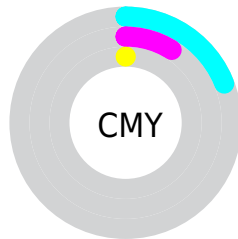
- Red (81%)
- Green (91%)
- Blue (100%)



- Red (81%)
- Yellow (87%)
- Blue (100%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6387, 78.1986, 105.8731 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 72.6387, 78.1986, 105.8731 by changing the saturation by 10% instead.

■ 72.6387, 78.1986,
105.8731

■ 72.6387, 78.1986,
105.8731

458.8848,
488.8410, 600.2695

■ 53.9679, 58.2371,
80.5703

121.9701,
130.8300, 171.3270

■ 38.8066, 41.9993,
59.6588

153.3613,
164.2688, 212.3152

■ 26.7893, 29.1008,
42.7202

189.7235,
202.9688, 259.3689

■ 17.5508, 19.1571,
29.3359

231.4219,
247.3144, 312.9067

■ 10.7257, 11.7838,
19.0873

278.8219,
297.6901, 373.3471

■ 5.9486, 6.5967,
11.5559

332.2888,

■ 2.8542, 3.2112,

354.4801, 441.1087

6.3232

392.1880,
418.0690, 516.6100

■ 1.0772, 1.2429,
2.9706

■ 0.0059, 0.0964,
1.0797

■ 72.6387, 78.1986,
105.8731

■ 72.6387, 78.1986,
105.8731

■ 62.7617, 68.1798,
104.4599

■ 83.9095, 89.2949,
107.4209

■ 54.2123, 59.1911,
103.1755

95.0500, 100.0000,
108.9000

■ 46.9278, 51.1949,
102.0160

■ 40.8379, 44.1471,
100.9766

■ 35.8643, 37.9998,
100.0522

■ 31.9187, 32.6989,
99.2370

■ 28.8969, 28.1823,
98.5244

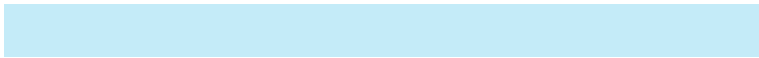
■ 26.6501, 24.3644,
97.9059

■ 26.4145, 23.9490,
97.8382

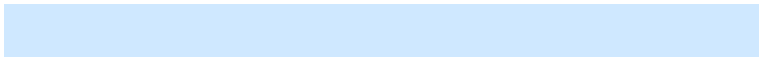
Harmonies

Analogous

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



69.5980, 78.1986, 100.1829



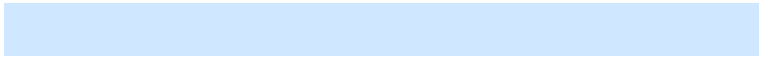
72.6387, 78.1986, 105.8731



76.2289, 78.1986, 105.7065

Triad

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



72.6387, 78.1986, 105.8731



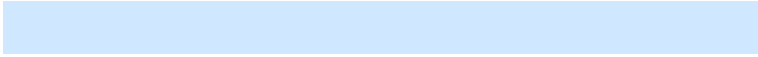
81.1953, 78.1986, 79.8530



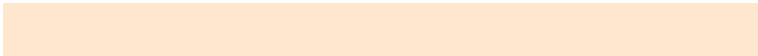
69.4665, 78.1986, 72.0444

Complementary

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



72.6387, 78.1986, 105.8731



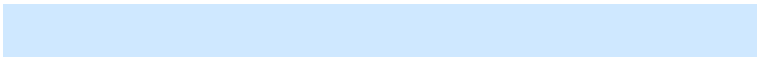
80.7990, 82.3575, 70.6711

Split Complementary

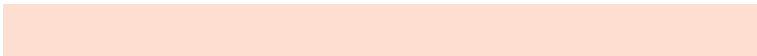
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.4539, 78.1986, 67.4392



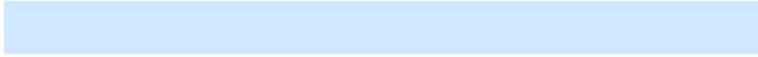
72.6387, 78.1986, 105.8731



79.2622, 78.1986, 71.6926

Square

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



72.6387, 78.1986, 105.8731



81.2487, 78.1986, 90.1060



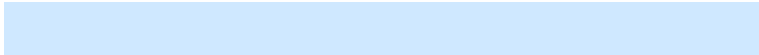
76.0381, 78.1986, 67.3159



67.8070, 78.1986, 80.3695

Rectangle

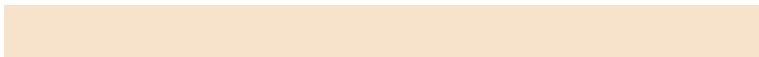
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.6387, 78.1986, 105.8731



78.4540, 78.1986, 102.2782



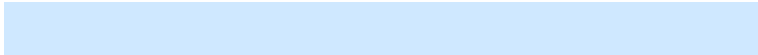
76.0381, 78.1986, 67.3159



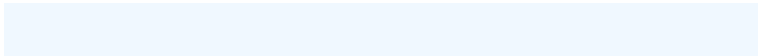
70.3443, 78.1986, 70.0407

Sweetspot

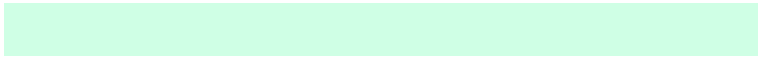
The Sweet Spot groups the original color and five complimentary colors.



72.6408, 78.2017, 105.8736



87.3494, 92.6248, 107.8823



75.6918, 90.4654, 87.8951



18.5238, 19.6589, 23.0682



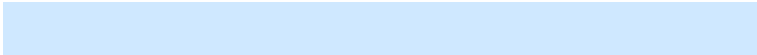
0.0000, 0.0000, 0.0000



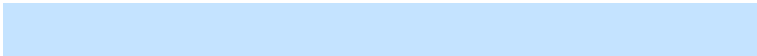
20.3446, 21.4041, 23.3091

Same Dimension

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



72.6408, 78.2017, 105.8736



68.3482, 73.8869, 105.2670



66.4859, 65.8918, 103.8220



17.7859, 18.9434, 22.9690



13.9527, 12.8149, 51.1727



1.4680, 1.4666, 5.0190

Inverse Universe

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



78.1196, 71.7133, 86.0722



74.9105, 66.4385, 81.4774



87.7545, 96.2686, 72.9896



18.4046, 18.1451, 20.7477



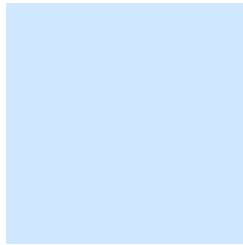
23.8309, 12.0216, 13.0257



2.3756, 1.1926, 1.5591

Previews

White Background



This preview shows how the XYZ color 72.6387, 78.1986, 105.8731 looks on a white background.

Color Contrast Check

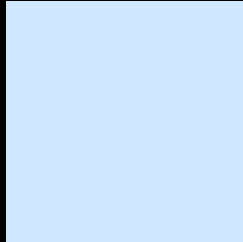
Large Text (above 18pt) WCAG AA × Fail

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 72.6387, 78.1986, 105.8731 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

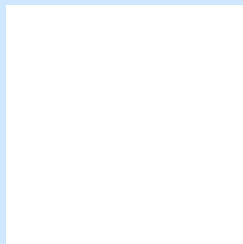
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 72.6387, 78.1986, 105.8731

Background



This preview shows how black text looks on a background with the XYZ color 72.6387, 78.1986, 105.8731.



This preview shows how white text looks on a background with the XYZ color 72.6387, 78.1986,

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

72.0051, 78.3647, 102.5976

Trichromacy



Original Color

72.6387, 78.1986, 105.8731

Protanomaly

74.9624, 78.1905, 104.0699

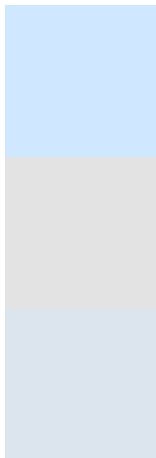
Deuteranomaly

76.6104, 77.7815, 105.5833

Tritanomaly

72.1632, 78.4279, 103.4302

Monochromacy



Original Color

72.6387, 78.1986, 105.8731

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.8206, 77.3687, 91.2164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6387, 78.1986, 105.8731 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, 232, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 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(207, 232, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 232, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.6387, 78.1986, 105.8731 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, 232, 255) }
```


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

```
.border{ border-color:rgb(207, 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(207, 232, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 232, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 232, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 232,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6387, 78.1986, 105.8731 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 232, 255) }
```

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

```
.background{ background-color: rgb(207,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor