

Converting Colors

XYZ(72.5127, 82.5357, 98.9684)

Have a look what the booklet for
XYZ(72.5127, 82.5357, 98.9684)
contains.

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Color

**XYZ(72.7438, 82.7146,
99.3203)**

Conversions

Conversions Part 1

Format	Color
Hex	CAF2F6
RGB	202, 242, 246
RGB Percent	79%, 95%, 96%
CMY	0.2078, 0.0510, 0.0353
CMYK	0.18, 0.02, 0.00, 0.04
HSL	185°, 71%, 88%
HSV	185°, 18%, 96%
XYZ	72.7438, 82.7146, 99.3203
YIQ	230.4960, -25.1240, -7.2360

Conversions

Conversions Part 2

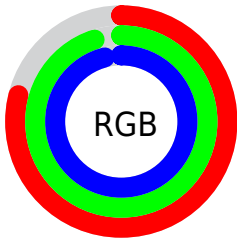
Format	Color
R _Y B	202, 223, 246
Decimal	13300470
CIE Lab	92.89, -11.99, -6.22
CIE LCh	93, 13.512, 207.429
Yxy	82.7146, 0.2855, 0.3247
Android (android.graphics.Color)	4291490550 (0xFFCAF2F6)
YUV	230.4960, 7.6435, -24.9910
Hunter-Lab	90.9476, -16.3862, -1.0850

Details

The XYZ color **72.7438, 82.7146, 99.3203** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.7388, 67.9998, 65.2757**, and the grayscale version is **75.5416, 79.4756, 86.5490**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.8858, 45.0386, 55.3590** is the 20% darker color. If you saturate the color by 10%, you get **65.9506, 78.2333, 98.8147**, and if you desaturate by 10%, it is **80.6110, 87.7659, 99.8820**.

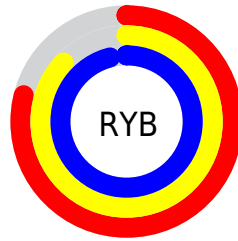
Distribution



Red (79%)

Green (95%)

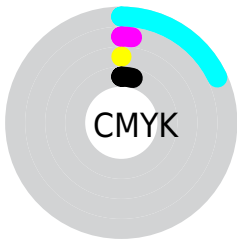
Blue (96%)



Red (79%)

Yellow (87%)

Blue (96%)

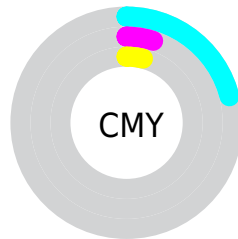


Cyan (18%)

Magenta (2%)

Yellow (0%)

Black (4%)



Cyan (21%)

Magenta (5%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7438, 82.7146, 99.3203 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 72.7438, 82.7146, 99.3203 by changing the saturation by 10% instead.

72.7438, 82.7146,
99.3203

72.7438, 82.7146,
99.3203

459.2439,
504.0349, 579.2393

54.0541, 61.9547,
75.1193

122.1185,
137.1757, 162.2665

38.8758, 44.9961,
55.2083

153.5343,
171.6457, 201.8488

26.8434, 31.4544,
39.1688

189.9228,
211.4545, 247.3953

17.5916, 20.9451,
26.5822

231.6494,
256.9865, 299.3245

10.7551, 13.0839,
17.0301

279.0795,
308.6262, 358.0550

5.9685, 7.4863,
10.0937

332.5783,

2.8664, 3.7681,

366.7579, 424.0052

5.3547

392.5114,
431.7660, 497.5939

■ 1.0835, 1.5447,
2.3945

■ 0.0113, 0.3199,
0.7835

■ 72.7438, 82.7146,
99.3203

■ 72.7438, 82.7146,
99.3203

■ 65.9506, 78.2333,
98.8147

■ 80.6110, 87.7659,
99.8820

■ 60.1739, 74.2860,
98.3573

■ 89.5918, 93.4012,
100.4964

■ 55.3619, 70.8480,
97.9473

■ 91.6605, 95.4854,
100.7896

■ 51.4553, 67.8886,
97.5820

■ 92.3543, 96.8729,
101.0209

■ 48.3882, 65.3739,
97.2582

■ 93.0563, 98.2770,
101.2549

■ 46.0857, 63.2653,
96.9726

■ 93.6348, 99.4339,
101.4477

■ 44.4595, 61.5170,
96.7208

■ 43.3899, 60.0675,
96.4974

■ 43.1979, 59.7802,
96.4521

Harmonies

Analogous

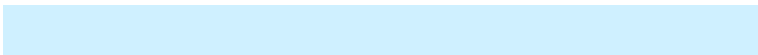
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.0278, 82.7146, 89.1928



72.7438, 82.7146, 99.3203



75.0188, 82.7146, 107.4639

Triad

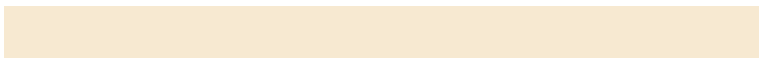
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.7438, 82.7146, 99.3203



84.4798, 82.7146, 100.9415



78.9227, 82.7146, 71.9990

Complementary

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



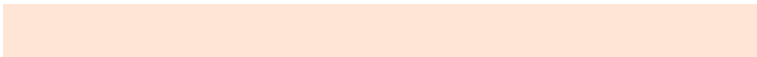
72.7438, 82.7146, 99.3203



70.7388, 67.9998, 65.2757

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.



82.3300, 82.7146, 74.6483



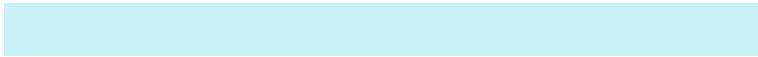
72.7438, 82.7146, 99.3203



85.5978, 82.7146, 90.9371

Square

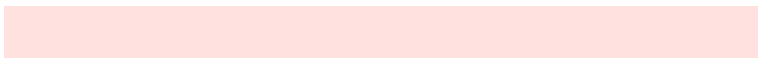
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



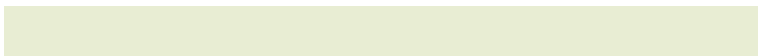
72.7438, 82.7146, 99.3203



81.7872, 82.7146, 108.4480



84.7997, 82.7146, 81.3980



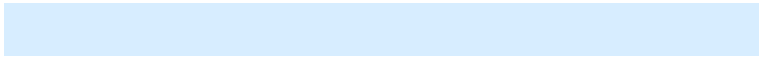
75.5312, 82.7146, 73.8814

Rectangle

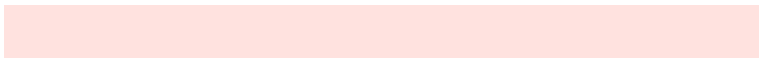
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



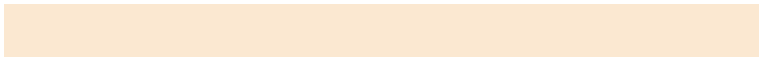
72.7438, 82.7146, 99.3203



77.1492, 82.7146, 110.4064



84.7997, 82.7146, 81.3980



80.1048, 82.7146, 72.3844

Sweetspot

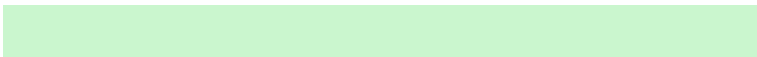
The Sweet Spot groups the original color and five complimentary colors.



72.7462, 82.7180, 99.3222



90.1455, 96.9248, 108.5649



68.4145, 82.9096, 70.5794



19.1526, 20.6562, 23.2275



0.0000, 0.0000, 0.0000



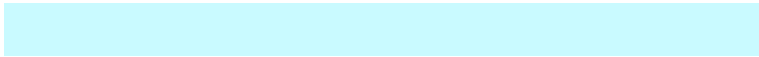
20.3446, 21.4041, 23.3091

Same Dimension

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



72.7462, 82.7180, 99.3222



76.4863, 88.1555, 107.5922



66.6740, 70.5735, 97.2981



16.8605, 18.4852, 21.2219



23.1116, 32.0171, 51.4998



2.0682, 2.8878, 4.5386

Inverse Universe

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



75.1555, 68.2465, 93.2200



79.5083, 70.1540, 99.9046



76.3199, 79.1622, 67.1361



17.1449, 16.7408, 20.5096



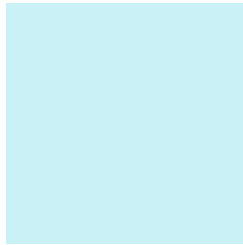
27.4702, 13.3315, 38.7800



2.4330, 1.1792, 3.5065

Previews

White Background



This preview shows how the XYZ color 72.7438, 82.7146, 99.3203 looks on a white background.

Color Contrast Check

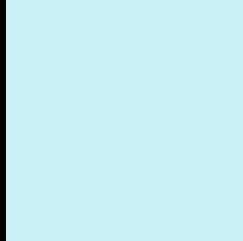
Large Text (above 18pt) WCAG AA × Fail

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 72.7438, 82.7146, 99.3203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

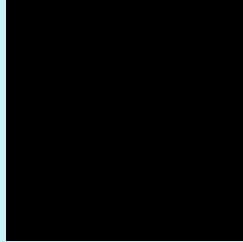
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7438, 82.7146, 99.3203

Background



This preview shows how black text looks on a background with the XYZ color 72.7438, 82.7146, 99.3203.

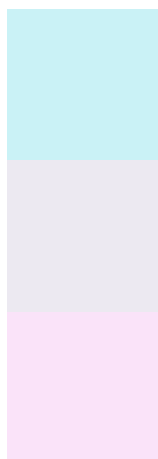


This preview shows how white text looks on a background with the XYZ color 72.7438, 82.7146,

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

72.7438, 82.7146, 99.3203

Protanopia

79.6082, 82.4616, 94.9400

Deuteranopia

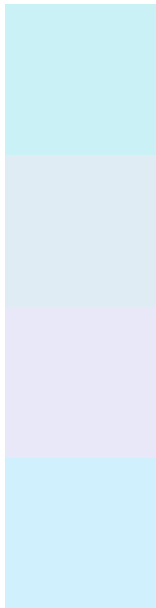
83.9923, 82.1017, 101.0429



Tritanopia

75.4948, 82.6546, 106.5827

Trichromacy



Original Color

72.7438, 82.7146, 99.3203

Protanomaly

76.9136, 82.3093, 96.6275

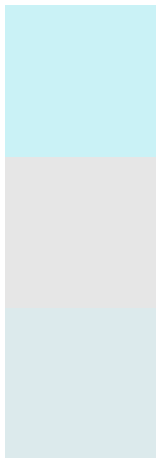
Deuteranomaly

79.4042, 81.8142, 100.4136

Tritanomaly

74.4629, 82.6138, 104.1169

Monochromacy



Original Color

72.7438, 82.7146, 99.3203

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.0783, 80.1174, 90.9167

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7438, 82.7146, 99.3203 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(202, 242, 246)` looks like.

```
.text, #text, p{  
    color:rgb(202, 242, 246)  
}
```

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(202, 242, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 242, 246) }
```

Border

The CSS property to change the border of an element to XYZ 72.7438, 82.7146, 99.3203 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(202, 242, 246) }
```


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

```
.border{ border-color:rgb(202, 242, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 242, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 242, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 242, 246);  
box-shadow:4px 4px 4px 4px rgb(202, 242,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7438, 82.7146, 99.3203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 242, 246) }
```

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

```
.background{ background-color: rgb(202,  
242, 246) }
```

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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