

Converting Colors

XYZ(72.5691, 82.7638,
104.6201)

Have a look what the booklet for
XYZ(72.5691, 82.7638, 104.6201)
contains.

XYZ(72.6472, 82.9998, 104.2871)	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(72.6472, 82.9998,
104.2871)**

Conversions

Conversions Part 1

Format	Color
Hex	C5F3FC
RGB	197, 243, 252
RGB Percent	77%, 95%, 99%
CMY	0.2274, 0.0470, 0.0118
CMYK	0.22, 0.04, 0.00, 0.01
HSL	190°, 90%, 88%
HSV	190°, 22%, 99%
XYZ	72.6472, 82.9998, 104.2871
YIQ	230.2720, -30.3050, -6.9530

Conversions

Conversions Part 2

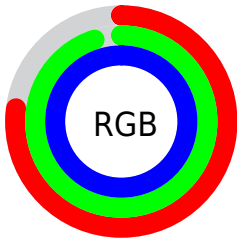
Format	Color
RYB	197, 222, 252
Decimal	12973052
CIELab	93.01, -12.73, -9.19
CIELCh	93, 15.704, 215.816
Yxy	82.9998, 0.2795, 0.3193
Android (android.graphics.Color)	4291163132 (0xFFC5F3FC)
YUV	230.2720, 10.7119, -29.1795
Hunter-Lab	91.1042, -17.0951, -4.0964

Details

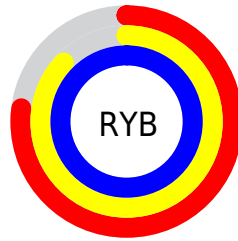
The XYZ color **72.6472, 82.9998, 104.2871** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.2949, 68.8693, 62.3076**, and the grayscale version is **75.3564, 79.2808, 86.3367**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **38.7760, 45.2316, 58.3166** is the 20% darker color. If you saturate the color by 10%, you get **65.3730, 77.4410, 103.5989**, and if you desaturate by 10%, it is **81.0569, 89.1893, 105.0399**.

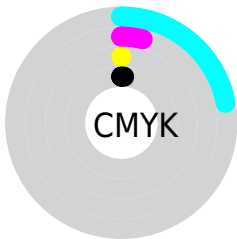
Distribution



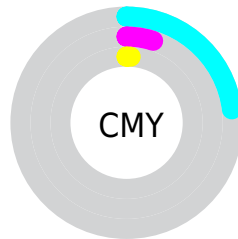
- Red (77%)
- Green (95%)
- Blue (99%)



- Red (77%)
- Yellow (87%)
- Blue (99%)



- Cyan (22%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)



- Cyan (23%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6472, 82.9998, 104.2871 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 72.6472, 82.9998, 104.2871 by changing the saturation by 10% instead.

72.6472, 82.9998,
104.2871

72.6472, 82.9998,
104.2871

458.9139,
504.9859, 595.2155

53.9749, 62.1900,
79.2489

121.9821,
137.5752, 169.1393

38.8122, 45.1862,
58.5780

153.3753,
172.1095, 209.7905

26.7937, 31.6041,
41.8557

189.7396,
211.9875, 256.4830

17.5541, 21.0593,
28.6636

231.4403,
257.5936, 309.6355

10.7281, 13.1674,
18.5831

278.8427,
309.3120, 369.6664

5.9503, 7.5439,
11.1957

332.3122,

2.8552, 3.8045,

367.5273, 436.9943

6.0828

392.2141,
432.6238, 512.0379

■ 1.0777, 1.5648,
2.8259

■ 0.0063, 0.3337,
1.0064

■ 72.6472, 82.9998,
104.2871

■ 72.6472, 82.9998,
104.2871

■ 65.3730, 77.4410,
103.5989

■ 81.0569, 89.1893,
105.0399

■ 59.1722, 72.4743,
102.9670

■ 90.6461, 96.0261,
105.8541

■ 53.9874, 68.0720,
102.3906

■ 94.5709, 99.8084,
106.3773

■ 49.7530, 64.2000,
101.8664

■ 46.3956, 60.8201,
101.3909

■ 43.8306, 57.8884,
100.9603

■ 41.9562, 55.3523,
100.5695

■ 40.8105, 53.5074,
100.2738

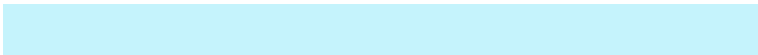
Harmonies

Analogous

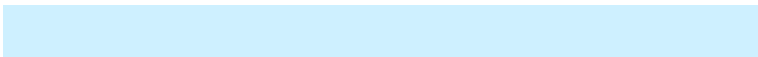
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.2787, 82.9998, 92.6876



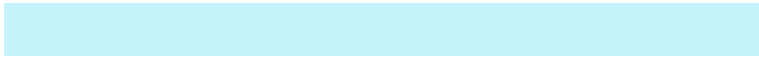
72.6472, 82.9998, 104.2871



75.6927, 82.9998, 112.6519

Triad

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



72.6472, 82.9998, 104.2871



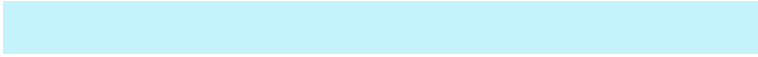
86.3264, 82.9998, 99.9740



78.0900, 82.9998, 69.6582

Complementary

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



72.6472, 82.9998, 104.2871



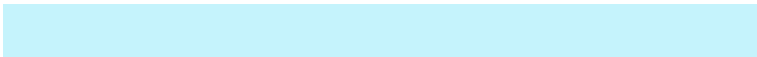
72.2949, 68.8693, 62.3076

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.



82.1737, 82.9998, 71.2434



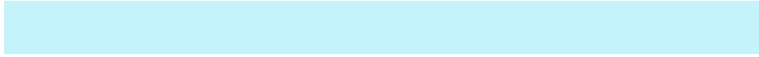
72.6472, 82.9998, 104.2871



87.0222, 82.9998, 88.0967

Square

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



72.6472, 82.9998, 104.2871



83.6085, 82.9998, 110.0142



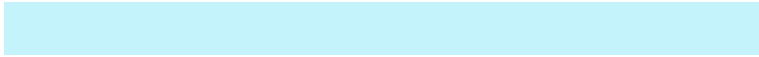
85.4781, 82.9998, 77.7545



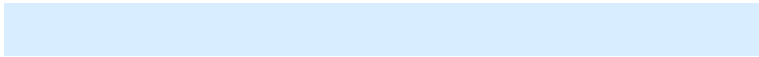
74.3502, 82.9998, 73.2202

Rectangle

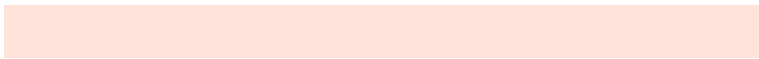
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.6472, 82.9998, 104.2871



78.3131, 82.9998, 114.8995



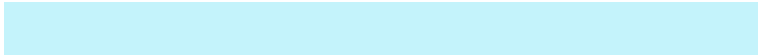
85.4781, 82.9998, 77.7545



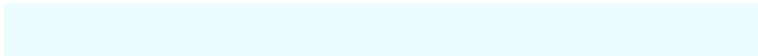
79.4673, 82.9998, 69.6110

Sweetspot

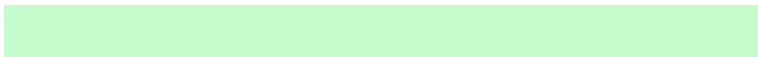
The Sweet Spot groups the original color and five complimentary colors.



72.6496, 83.0032, 104.2890



87.8607, 94.9215, 108.2987



68.8875, 85.9125, 70.8695



18.6793, 20.2267, 23.1696



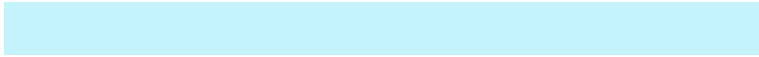
0.0000, 0.0000, 0.0000



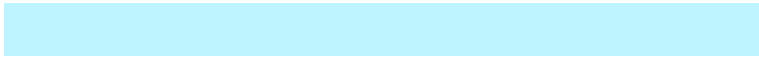
20.3446, 21.4041, 23.3091

Same Dimension

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



72.6496, 83.0032, 104.2890



71.3592, 82.7950, 106.8277



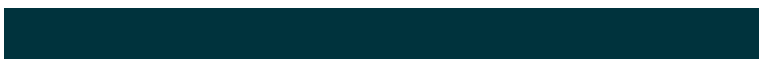
65.2181, 68.1401, 101.8118



17.5099, 19.0967, 22.1485



21.3511, 28.0578, 52.2639



2.0398, 2.7233, 4.8613

Inverse Universe

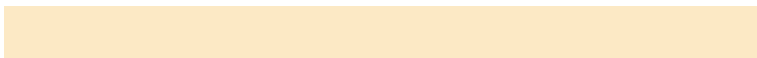
The Inverse Universe completely reimagines the original color for something new.



76.2907, 67.1008, 93.7287



75.7258, 64.0673, 94.0862



79.2926, 82.8646, 64.6402



17.8639, 17.4729, 21.1392



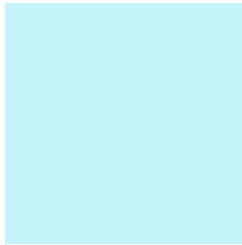
27.0691, 13.2434, 33.4018



2.5385, 1.2391, 3.2592

Previews

White Background



This preview shows how the XYZ color 72.6472, 82.9998, 104.2871 looks on a white background.

Color Contrast Check

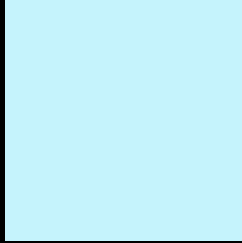
Large Text (above 18pt) WCAG AA × Fail

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 72.6472, 82.9998, 104.2871 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 72.6472, 82.9998, 104.2871

Background



This preview shows how black text looks on a background with the XYZ color 72.6472, 82.9998, 104.2871.

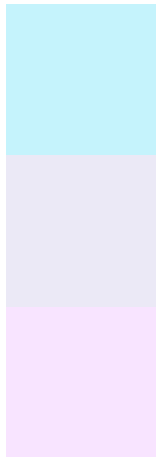


This preview shows how white text looks on a background with the XYZ color 72.6472, 82.9998,

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

72.6472, 82.9998, 104.2871

Protanopia

80.0344, 82.5938, 98.9127

Deuteranopia

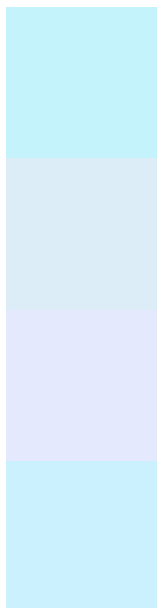
84.5048, 82.6633, 106.1095



Tritanopia

75.2225, 82.9501, 106.6541

Trichromacy



Original Color

72.6472, 82.9998, 104.2871

Protanomaly

77.0463, 82.7178, 100.7123

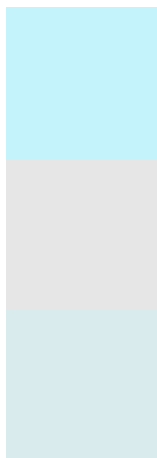
Deuteranomaly

79.3414, 82.0916, 105.4295

Tritanomaly

74.2465, 82.9037, 105.8547

Monochromacy



Original Color

72.6472, 82.9998, 104.2871

Achromatopsia

75.2129, 79.1298, 86.1723

Achromatomaly

74.0544, 80.4951, 92.5230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6472, 82.9998, 104.2871 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(197, 243, 252)` looks like.

```
.text, #text, p{  
    color:rgb(197, 243, 252)  
}
```

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(197, 243, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 243, 252) }
```

Border

The CSS property to change the border of an element to XYZ 72.6472, 82.9998, 104.2871 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(197, 243, 252) }
```


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

```
.border{ border-color:rgb(197, 243, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 243, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 243, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 243, 252);  
box-shadow:4px 4px 4px 4px rgb(197, 243,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6472, 82.9998, 104.2871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 243, 252) }
```

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

```
.background{ background-color: rgb(197,  
243, 252) }
```

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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