

Converting Colors

XYZ(72.5832, 85.1327,
107.2145)

Have a look what the booklet for
XYZ(72.5832, 85.1327, 107.2145)
contains.

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Color

**XYZ(72.6037, 85.1736,
107.2213)**

Conversions

Conversions Part 1

Format	Color
Hex	BDF8FF
RGB	189, 248, 255
RGB Percent	74%, 97%, 100%
CMY	0.2588, 0.0274, 0.0000
CMYK	0.26, 0.03, 0.00, 0.00
HSL	186°, 100%, 87%
HSV	186°, 26%, 100%
XYZ	72.6037, 85.1736, 107.2213
YIQ	231.1570, -37.4110, -10.3310

Conversions

Conversions Part 2

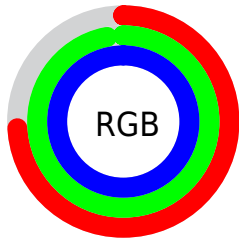
Format	Color
RYB	189, 220, 255
Decimal	12450047
CIELab	93.96, -16.89, -9.39
CIElCh	94, 19.329, 209.081
Yxy	85.1736, 0.2740, 0.3214
Android (android.graphics.Color)	4290640127 (0xFFBDF8FF)
YUV	231.1570, 11.7546, -36.9717
Hunter-Lab	92.2895, -21.0817, -4.2800

Details

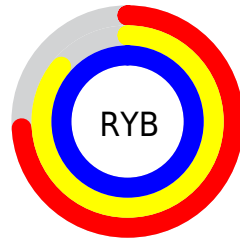
The XYZ color **72.6037, 85.1736, 107.2213** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.1653, 64.4135, 56.8810**, and the grayscale version is **76.0096, 79.9680, 87.0852**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **38.8742, 46.8448, 60.4191** is the 20% darker color. If you saturate the color by 10%, you get **66.0013, 80.5474, 106.6763**, and if you desaturate by 10%, it is **80.3346, 90.4038, 107.8233**.

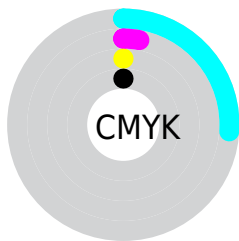
Distribution



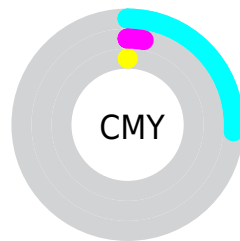
- Red (74%)
- Green (97%)
- Blue (100%)



- Red (74%)
- Yellow (86%)
- Blue (100%)



- Cyan (26%)
- Magenta (3%)
- Yellow (0%)
- Black (0%)



- Cyan (26%)
- Magenta (3%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.6037, 85.1736, 107.2213 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 72.6037, 85.1736, 107.2213 by changing the saturation by 10% instead.

72.6037, 85.1736,
107.2213

72.6037, 85.1736,
107.2213

458.7652,
512.2023, 604.5483

53.9392, 63.9848,
81.6945

121.9206,
140.6157, 173.1842

38.7835, 46.6384,
60.5794

153.3037,
175.6378, 214.4573

26.7713, 32.7499,
43.4575

189.6571,
216.0398, 261.8163

17.5373, 21.9349,
29.9102

231.3461,
262.2062, 315.6797

10.7160, 13.8091,
19.5189

278.7360,
314.5212, 376.4661

5.9420, 7.9880,
11.8653

332.1923,

2.8502, 4.0873,

373.3693, 444.5940

6.5306

392.0803,
439.1349, 520.4818

■ 1.0750, 1.7225,
3.0963

■ 0.0041, 0.4382,
1.1440

■ 72.6037, 85.1736,
107.2213

■ 72.6037, 85.1736,
107.2213

■ 66.0013, 80.5474,
106.6763

■ 80.3346, 90.4038,
107.8233

■ 60.4625, 76.4849,
106.1841

■ 89.2413, 96.2558,
108.4835

■ 55.9258, 72.9569,
105.7422

95.0500, 100.0000,
108.9000

■ 52.3209, 69.9267,
105.3473

■ 49.5682, 67.3534,
104.9957

■ 47.5745, 65.1888,
104.6830

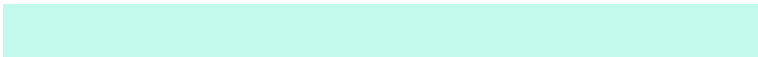
■ 46.2242, 63.3732,
104.4037

■ 45.7855, 62.6910,
104.2952

Harmonies

Analogous

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



71.4498, 85.1736, 92.2852



72.6037, 85.1736, 107.2213



75.9715, 85.1736, 119.2655

Triad

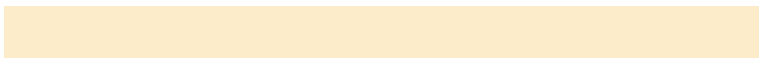
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.6037, 85.1736, 107.2213



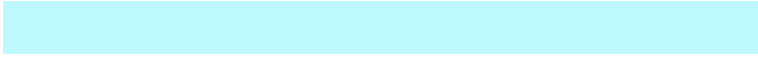
89.7529, 85.1736, 108.0920



81.1140, 85.1736, 67.1700

Complementary

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



72.6037, 85.1736, 107.2213



70.1653, 64.4135, 56.8810

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.



86.1517, 85.1736, 70.4708



72.6037, 85.1736, 107.2213



91.2677, 85.1736, 93.1955

Square

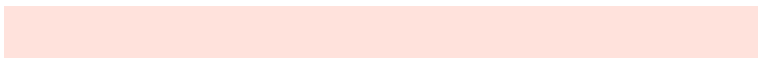
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.6037, 85.1736, 107.2213



85.8651, 85.1736, 119.8045



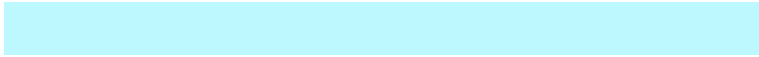
89.9232, 85.1736, 79.6243



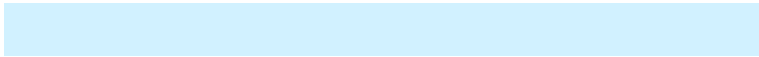
76.2356, 85.1736, 70.0925

Rectangle

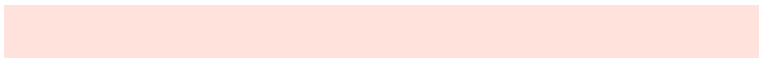
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.6037, 85.1736, 107.2213



79.0932, 85.1736, 123.4738



89.9232, 85.1736, 79.6243



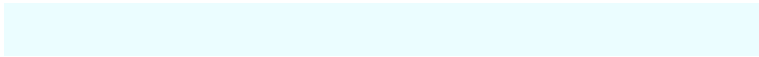
82.8457, 85.1736, 67.5821

Sweetspot

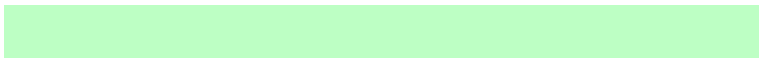
The Sweet Spot groups the original color and five complimentary colors.



72.6059, 85.1769, 107.2218



87.2531, 94.9623, 108.3386



66.6658, 86.3067, 65.1332



18.3807, 20.1330, 23.1672



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.



72.6059, 85.1769, 107.2218



69.0882, 82.7343, 106.9357



63.4400, 66.8451, 104.1665



18.3807, 20.1330, 23.1672



23.9904, 32.8903, 54.5186



2.3811, 3.2929, 5.3234

Inverse Universe

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



76.3823, 64.4342, 97.2220



73.4856, 58.9831, 95.2012



78.3348, 80.7525, 59.6041



18.7048, 18.2652, 22.3287



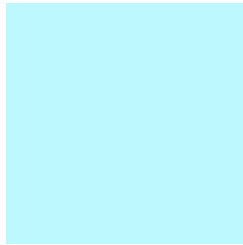
28.8974, 14.0483, 39.7058



2.8365, 1.3770, 3.9862

Previews

White Background



This preview shows how the XYZ color 72.6037, 85.1736, 107.2213 looks on a white background.

Color Contrast Check

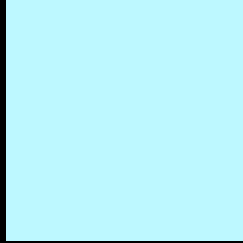
Large Text (above 18pt) WCAG AA × Fail

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 72.6037, 85.1736, 107.2213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

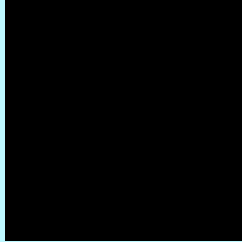
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.6037, 85.1736, 107.2213

Background



This preview shows how black text looks on a background with the XYZ color 72.6037, 85.1736, 107.2213.

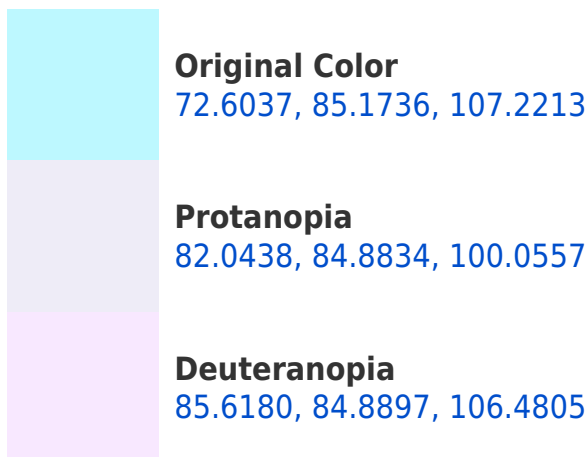


This preview shows how white text looks on a background with the XYZ color 72.6037, 85.1736,

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

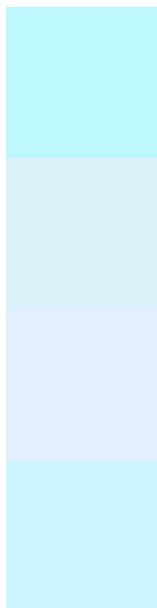




Tritanopia

76.9646, 85.1701, 106.9907

Trichromacy



Original Color

72.6037, 85.1736, 107.2213

Protanomaly

77.9306, 84.4379, 102.6333

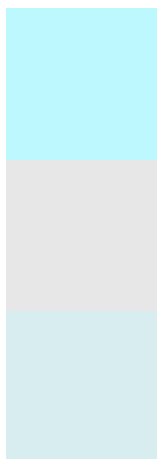
Deuteranomaly

80.3031, 84.7000, 106.7240

Tritanomaly

75.3310, 85.2213, 107.0867

Monochromacy



Original Color

72.6037, 85.1736, 107.2213

Achromatopsia

75.9547, 79.9103, 87.0223

Achromatomaly

74.3313, 81.4586, 94.2435

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.6037, 85.1736, 107.2213 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(189, 248, 255)` looks like.

```
.text, #text, p{  
    color:rgb(189, 248, 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(189, 248, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 248, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.6037, 85.1736, 107.2213 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(189, 248, 255) }
```


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

```
.border{ border-color:rgb(189, 248, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 248, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 248, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 248, 255);  
box-shadow:4px 4px 4px 4px rgb(189, 248,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.6037, 85.1736, 107.2213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 248, 255) }
```

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

```
.background{ background-color: rgb(189,  
248, 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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