

Converting Colors

XYZ(66.7318, 77.3405,
102.3364)

Have a look what the booklet for
XYZ(66.7318, 77.3405, 102.3364)
contains.

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Color

**XYZ(66.7528, 77.3572,
102.6800)**

Conversions

Conversions Part 1

Format	Color
Hex	B5EDFB
RGB	181, 237, 251
RGB Percent	71%, 93%, 98%
CMY	0.2902, 0.0706, 0.0157
CMYK	0.28, 0.06, 0.00, 0.02
HSL	192°, 90%, 85%
HSV	192°, 28%, 98%
XYZ	66.7528, 77.3572, 102.6800
YIQ	221.8520, -37.8700, -7.5180

Conversions

Conversions Part 2

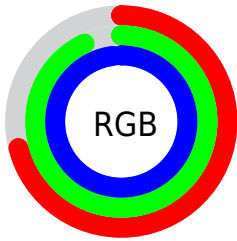
Format	Color
RYB	181, 212, 251
Decimal	11922939
CIELab	90.49, -14.55, -12.53
CIELCh	90, 19.202, 220.738
Yxy	77.3572, 0.2705, 0.3135
Android (android.graphics.Color)	4290113019 (0xFFB5EDFB)
YUV	221.8520, 14.3700, -35.8272
Hunter-Lab	87.9529, -18.4432, -7.6506

Details

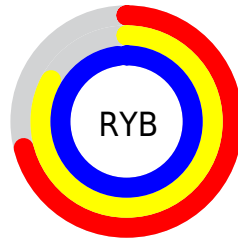
The XYZ color **66.7528, 77.3572, 102.6800** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.6401, 62.8760, 52.2889**, and the grayscale version is **69.2496, 72.8559, 79.3401**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **34.8657, 41.3784, 57.1882** is the 20% darker color. If you saturate the color by 10%, you get **59.9569, 71.7285, 101.9530**, and if you desaturate by 10%, it is **74.6543, 83.6201, 103.4737**.

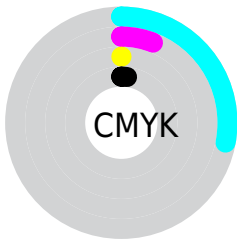
Distribution



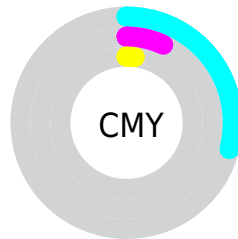
- Red (71%)
- Green (93%)
- Blue (98%)



- Red (71%)
- Yellow (83%)
- Blue (98%)



- Cyan (28%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (29%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7528, 77.3572, 102.6800 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 66.7528, 77.3572, 102.6800 by changing the saturation by 10% instead.

66.7528, 77.3572,
102.6800

66.7528, 77.3572,
102.6800

438.5107,
485.9810, 590.0712

49.1537, 57.5461,
77.9113

113.6179,
129.6436, 166.9192

34.9565, 41.4438,
57.4851

143.6146,
162.8876, 207.2267

23.7957, 28.6661,
40.9829

178.4746,
201.3781, 253.5509

15.3061, 18.8283,
27.9861

218.5631,
245.4995, 306.3103

9.1222, 11.5463,
18.0762

264.2457,
295.6360, 365.9235

4.8787, 6.4356,
10.8347

315.8876,

2.2103, 3.1117,

352.1722, 432.8091

5.8430

373.8541,
415.4924, 507.3854

0.7482, 1.1903,
2.6826

0.0000, 0.0538,
0.9347

66.7528, 77.3572,
102.6800

66.7528, 77.3572,
102.6800

59.9569, 71.7285,
101.9530

74.6543, 83.6201,
103.4737

54.2023, 66.6946,
101.2847

83.7073, 90.5356,
104.3314

49.4287, 62.2258,
100.6737

93.4826, 97.8847,
105.2347

45.5666, 58.2858,
100.1168

94.4128, 99.7451,
105.5448

■ 42.5369, 54.8333,
99.6101

■ 40.2463, 51.8198,
99.1491

■ 38.5695, 49.1800,
98.7280

■ 38.2555, 48.6504,
98.6423

Harmonies

Analogous

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



64.8267, 77.3572, 89.2493



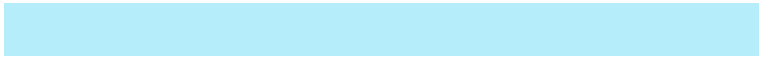
66.7528, 77.3572, 102.6800



70.5232, 77.3572, 111.7223

Triad

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



66.7528, 77.3572, 102.6800



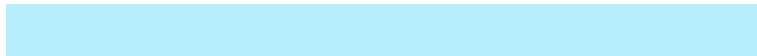
82.5858, 77.3572, 93.2518



71.8198, 77.3572, 60.8398

Complementary

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



66.7528, 77.3572, 102.6800



67.6401, 62.8760, 52.2889

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.



76.6122, 77.3572, 61.6621



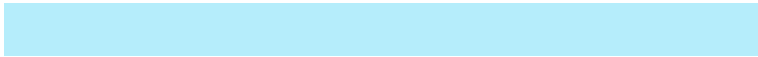
66.7528, 77.3572, 102.6800



82.9700, 77.3572, 79.4003

Square

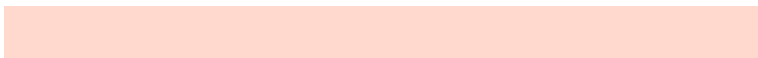
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



66.7528, 77.3572, 102.6800



79.7138, 77.3572, 105.8829



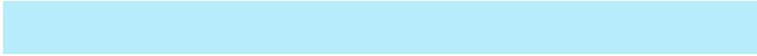
80.7419, 77.3572, 68.1321



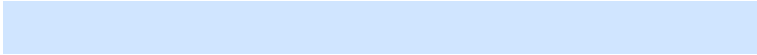
67.6664, 77.3572, 65.7487

Rectangle

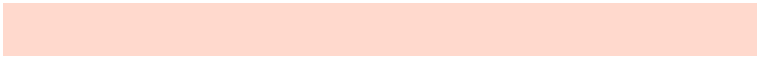
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



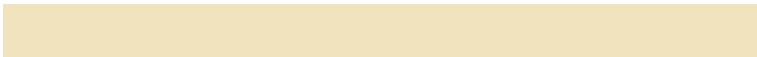
66.7528, 77.3572, 102.6800



73.6445, 77.3572, 113.5153



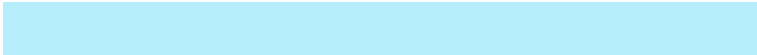
80.7419, 77.3572, 68.1321



73.4070, 77.3572, 60.4698

Sweetspot

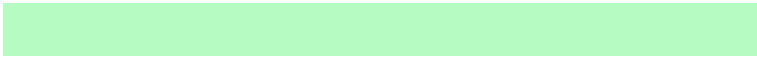
The Sweet Spot groups the original color and five complimentary colors.



66.7551, 77.3603, 102.6818



86.6515, 93.7590, 108.1380



63.2736, 82.7072, 63.5717



18.2282, 19.8280, 23.1164



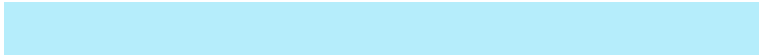
0.0000, 0.0000, 0.0000



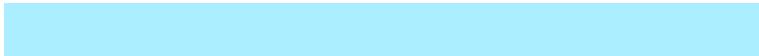
20.3446, 21.4041, 23.3091

Same Dimension

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



66.7551, 77.3603, 102.6818



65.4369, 77.1111, 106.0428



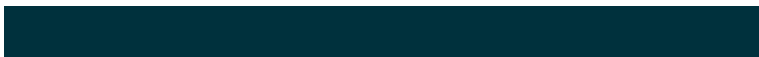
57.8655, 59.5811, 99.7186



17.4537, 18.9843, 22.1297



20.2141, 25.7838, 51.8849



1.9444, 2.5326, 4.8295

Inverse Universe

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



71.5955, 59.6732, 87.8689



71.2327, 56.5124, 88.1761



76.0988, 79.7934, 55.1085



17.8356, 17.4616, 20.9898



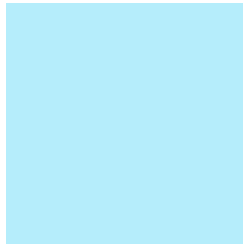
26.4952, 13.0138, 30.3797



2.4904, 1.2199, 3.0058

Previews

White Background



This preview shows how the XYZ color 66.7528, 77.3572, 102.6800 looks on a white background.

Color Contrast Check

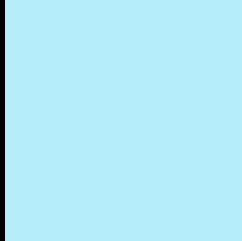
Large Text (above 18pt) WCAG AA × Fail

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 66.7528, 77.3572, 102.6800 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 66.7528, 77.3572, 102.6800

Background



This preview shows how black text looks on a background with the XYZ color 66.7528, 77.3572, 102.6800.

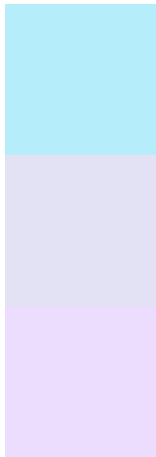


This preview shows how white text looks on a background with the XYZ color 66.7528, 77.3572,

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

66.7528, 77.3572, 102.6800

Protanopia

74.8895, 77.0931, 96.5213

Deuteranopia

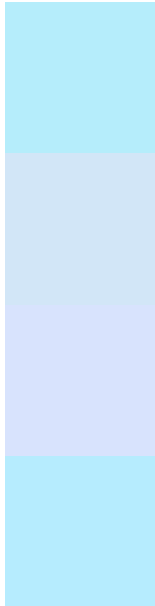
78.3379, 76.7015, 104.4420



Tritanopia

67.3369, 77.1560, 105.9513

Trichromacy



Original Color

66.7528, 77.3572, 102.6800

Protanomaly

71.6637, 77.0107, 99.0832

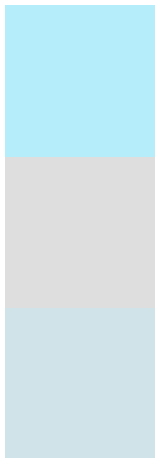
Deuteranomaly

73.5176, 76.6289, 103.8446

Tritanomaly

67.1762, 77.0917, 105.1056

Monochromacy



Original Color

66.7528, 77.3572, 102.6800

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

67.9092, 74.0868, 87.8118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7528, 77.3572, 102.6800 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(181, 237, 251)` looks like.

```
.text, #text, p{  
    color:rgb(181, 237, 251)  
}
```

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(181, 237, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 237, 251) }
```

Border

The CSS property to change the border of an element to XYZ 66.7528, 77.3572, 102.6800 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(181, 237, 251) }
```


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

```
.border{ border-color:rgb(181, 237, 251) }
```

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

Here you see how a box with a 4 pixel rgb(181, 237, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 237, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 237, 251);  
box-shadow:4px 4px 4px 4px rgb(181, 237,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7528, 77.3572, 102.6800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 237, 251) }
```

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

```
.background{ background-color: rgb(181,  
237, 251) }
```

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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