

Converting Colors

XYZ(67.1190, 72.4075,
105.0462)

Have a look what the booklet for
XYZ(67.1190, 72.4075, 105.0462)
contains.

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Color

**XYZ(67.2233, 72.5398,
105.0663)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E1FF
RGB	194, 225, 255
RGB Percent	76%, 88%, 100%
CMY	0.2392, 0.1176, 0.0000
CMYK	0.24, 0.12, 0.00, 0.00
HSL	210°, 100%, 88%
HSV	210°, 24%, 100%
XYZ	67.2233, 72.5398, 105.0663
YIQ	219.1510, -28.1060, 2.7580

Conversions

Conversions Part 2

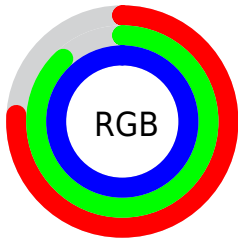
Format	Color
RYB	194, 215, 255
Decimal	12771839
CIELab	88.23, -3.78, -17.93
CIELCh	88, 18.325, 258.111
Yxy	72.5398, 0.2746, 0.2963
Android (android.graphics.Color)	4290961919 (0xFFC2E1FF)
YUV	219.1510, 17.6736, -22.0574
Hunter-Lab	85.1703, -8.1614, -13.5211

Details

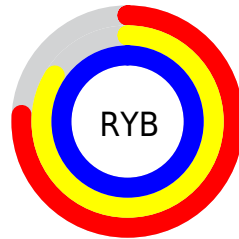
The XYZ color **67.2233, 72.5398, 105.0663** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **77.6330, 78.4654, 62.0941**, and the grayscale version is **67.3336, 70.8402, 77.1449**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **35.2152, 38.3156, 58.9657** is the 20% darker color. If you saturate the color by 10%, you get **57.9656, 62.9200, 103.6974**, and if you desaturate by 10%, it is **77.8569, 83.2422, 106.5716**.

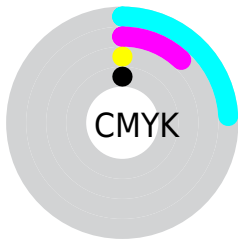
Distribution



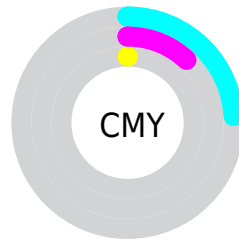
- Red (76%)
- Green (88%)
- Blue (100%)



- Red (76%)
- Yellow (84%)
- Blue (100%)



- Cyan (24%)
- Magenta (12%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (12%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2233, 72.5398, 105.0663 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 67.2233, 72.5398, 105.0663 by changing the saturation by 10% instead.

67.2233, 72.5398,
105.0663

67.2233, 72.5398,
105.0663

440.1592,
469.4183, 597.7013

49.5375, 53.5997,
79.8979

114.2884,
122.8237, 170.2146

35.2623, 38.2818,
59.1087

144.3983,
154.9363, 211.0315

24.0325, 26.2014,
42.2800

179.3803,
192.2085, 257.9018

15.4826, 16.9744,
28.9934

219.5998,
235.0248, 311.2439

9.2473, 10.2162,
18.8303

265.4221,
283.7696, 371.4763

4.9612, 5.5426,
11.3722

317.2125,

2.2591, 2.5690,

338.8271, 439.0177

6.2004

375.3364,
400.5819, 514.2865

■ 0.7736, 0.9111,
2.8966

■ 0.0000, 0.0000,
1.0421

■ 67.2233, 72.5398,
105.0663

■ 67.2233, 72.5398,
105.0663

■ 57.9656, 62.9200,
103.6974

■ 77.8569, 83.2422,
106.5716

■ 50.0152, 54.3339,
102.4592

■ 89.9188, 95.0563,
108.2162

■ 43.3062, 46.7415,
101.3473

95.0500, 100.0000,
108.9000

■ 37.7640, 40.0956,
100.3566

■ 33.3052, 34.3447,
99.4816

■ 29.8338, 29.4299,
98.7159

■ 27.2333, 25.2819,
98.0523

■ 25.9801, 23.0802,
97.6934

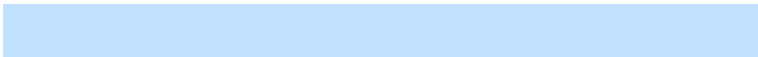
Harmonies

Analogous

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



63.4656, 72.5398, 98.3717



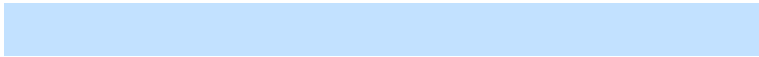
67.2233, 72.5398, 105.0663



71.6030, 72.5398, 104.2474

Triad

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



67.2233, 72.5398, 105.0663



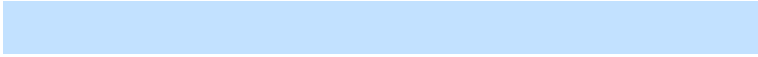
77.2809, 72.5398, 71.7078



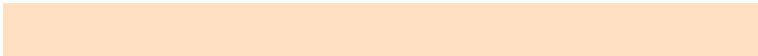
62.8548, 72.5398, 63.9236

Complementary

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



67.2233, 72.5398, 105.0663



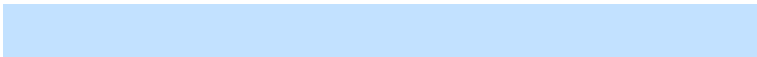
77.6330, 78.4654, 62.0941

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.



66.3573, 72.5398, 58.1715



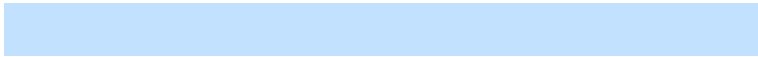
67.2233, 72.5398, 105.0663



74.7351, 72.5398, 62.3265

Square

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



67.2233, 72.5398, 105.0663



77.5369, 72.5398, 84.0668



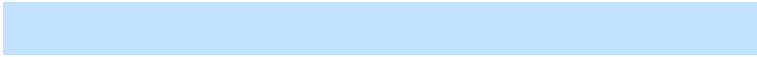
70.6997, 72.5398, 57.6197



61.0160, 72.5398, 74.1094

Rectangle

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



67.2233, 72.5398, 105.0663



74.2864, 72.5398, 99.5617



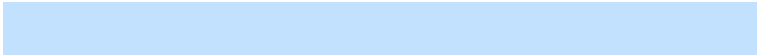
70.6997, 72.5398, 57.6197



63.8696, 72.5398, 61.4562

Sweetspot

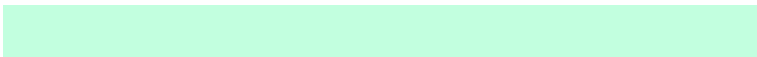
The Sweet Spot groups the original color and five complimentary colors.



67.2253, 72.5426, 105.0667



86.0486, 91.2972, 107.6946



71.3936, 88.3436, 83.4443



18.2591, 19.3864, 23.0295



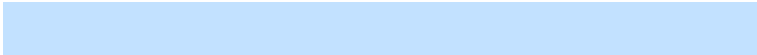
0.0000, 0.0000, 0.0000



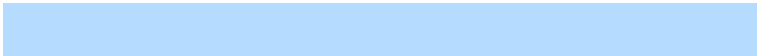
20.3446, 21.4041, 23.3091

Same Dimension

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



67.2253, 72.5426, 105.0667



62.3542, 67.5227, 104.3545



59.8182, 57.7285, 102.5977



17.7662, 18.9041, 22.9624



13.7250, 12.3596, 51.0968



1.4457, 1.4221, 5.0116

Inverse Universe

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



74.1236, 65.2812, 79.9313



70.5122, 59.4234, 74.5198



86.4144, 96.0282, 65.0213



18.3946, 18.1412, 20.6954



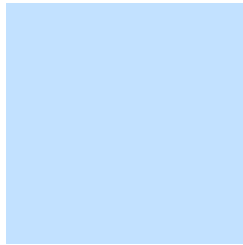
23.7159, 11.9757, 12.4206



2.3643, 1.1881, 1.5000

Previews

White Background



This preview shows how the XYZ color 67.2233, 72.5398, 105.0663 looks on a white background.

Color Contrast Check

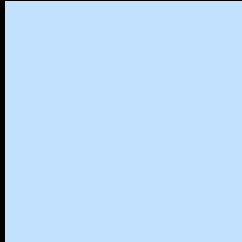
Large Text (above 18pt) WCAG AA × Fail

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 67.2233, 72.5398, 105.0663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

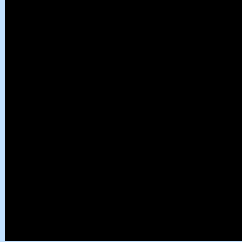
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

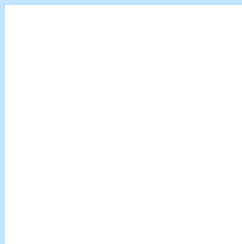
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.2233, 72.5398, 105.0663

Background



This preview shows how black text looks on a background with the XYZ color 67.2233, 72.5398, 105.0663.

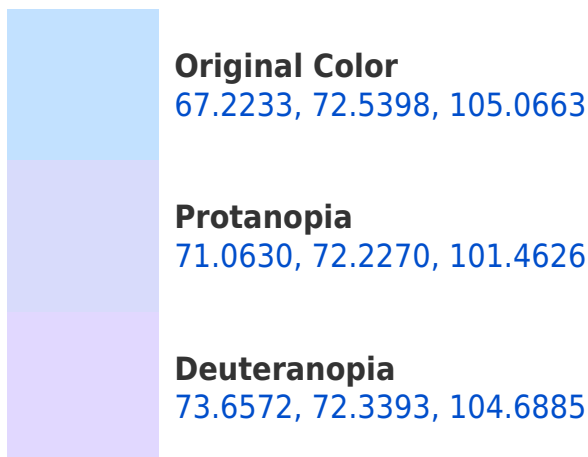


This preview shows how white text looks on a background with the XYZ color 67.2233, 72.5398,

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

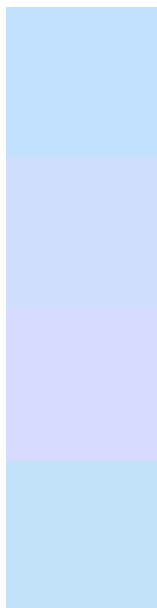




Tritanopia

65.6887, 72.7372, 96.9637

Trichromacy



Original Color

67.2233, 72.5398, 105.0663

Protanomaly

69.4396, 72.1511, 102.3622

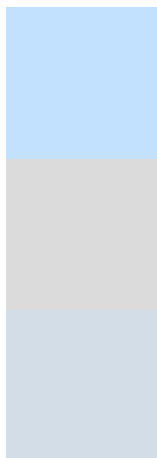
Deuteranomaly

71.1131, 72.1792, 104.7917

Tritanomaly

66.2876, 72.5697, 100.1362

Monochromacy



Original Color

67.2233, 72.5398, 105.0663

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.0003, 71.2407, 86.5635

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2233, 72.5398, 105.0663 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(194, 225, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 225, 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(194, 225, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 225, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.2233, 72.5398, 105.0663 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(194, 225, 255) }
```


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

```
.border{ border-color:rgb(194, 225, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 225, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 225, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 225, 255); box-shadow:4px 4px 4px 4px rgb(194, 225, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2233, 72.5398, 105.0663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 225, 255) }
```

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

```
.background{ background-color: rgb(194,  
225, 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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