

Converting Colors

XYZ(66.6652, 72.7153,
105.1296)

Have a look what the booklet for
XYZ(66.6652, 72.7153, 105.1296)
contains.

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Color

**XYZ(66.7322, 72.6891,
105.1210)**

Conversions

Conversions Part 1

Format	Color
Hex	BFE2FF
RGB	191, 226, 255
RGB Percent	75%, 89%, 100%
CMY	0.2510, 0.1137, 0.0000
CMYK	0.25, 0.11, 0.00, 0.00
HSL	207°, 100%, 87%
HSV	207°, 25%, 100%
XYZ	66.7322, 72.6891, 105.1210
YIQ	218.8410, -30.1690, 1.5990

Conversions

Conversions Part 2

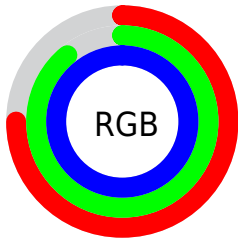
Format	Color
R_{YB}	191, 214, 255
Decimal	12575487
CIE _{Lab}	88.30, -5.17, -17.84
CIE _{LCh}	88, 18.577, 253.839
Yxy	72.6891, 0.2729, 0.2972
Android (android.graphics.Color)	4290765567 (0xFFBFE2FF)
YUV	218.8410, 17.8264, -24.4166
Hunter-Lab	85.2579, -9.4876, -13.4227

Details

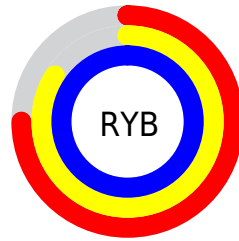
The XYZ color **66.7322, 72.6891, 105.1210** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **76.2371, 76.2073, 59.9833**, and the grayscale version is **67.1188, 70.6142, 76.8989**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **34.9093, 38.4373, 59.0053** is the 20% darker color. If you saturate the color by 10%, you get **57.8328, 63.5952, 103.8347**, and if you desaturate by 10%, it is **76.9637, 82.7876, 106.5309**.

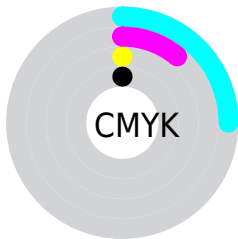
Distribution



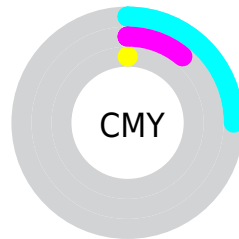
- Red (75%)
- Green (89%)
- Blue (100%)



- Red (75%)
- Yellow (84%)
- Blue (100%)



- Cyan (25%)
- Magenta (11%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (11%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7322, 72.6891, 105.1210 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 66.7322, 72.6891, 105.1210 by changing the saturation by 10% instead.

■ 66.7322, 72.6891,
105.1210

■ 66.7322, 72.6891,
105.1210

438.4384,
469.9366, 597.8756

■ 49.1369, 53.7218,
79.9435

■ 113.5885,
123.0357, 170.2900

■ 34.9431, 38.3793,
59.1460

143.5803,
155.1839, 211.1186

■ 23.7853, 26.2772,
42.3099

178.4349,
192.4944, 258.0013

■ 15.2983, 17.0311,
29.0166

218.5177,
235.3517, 311.3567

■ 9.1167, 10.2567,
18.8477

264.1941,
284.1401, 371.6033

■ 4.8751, 5.5695,
11.3846

315.8295,

■ 2.2082, 2.5851,

339.2442, 439.1596

6.2087

373.7891,
401.0482, 514.4442

■ 0.7470, 0.9192,
2.9016

■ 0.0000, 0.0000,
1.0446

■ 66.7322, 72.6891,
105.1210

■ 66.7322, 72.6891,
105.1210

■ 57.8328, 63.5952,
103.8347

■ 76.9637, 82.7876,
106.5309

■ 50.1975, 55.4593,
102.6668

■ 88.5791, 93.9180,
108.0671

■ 43.7610, 48.2432,
101.6132

95.0500, 100.0000,
108.9000

■ 38.4492, 41.9021,
100.6692

■ 34.1787, 36.3864,
99.8296

■ 30.8530, 31.6393,
99.0886

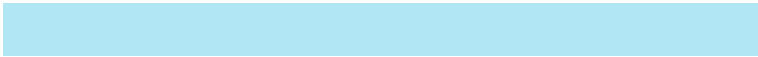
■ 28.3541, 27.5926,
98.4392

■ 27.3502, 25.8205,
98.1501

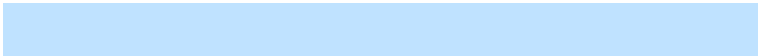
Harmonies

Analogous

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



63.0934, 72.6891, 97.3805



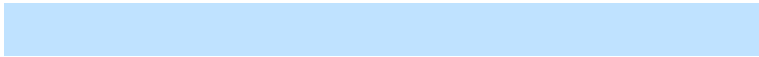
66.7322, 72.6891, 105.1210



71.1578, 72.6891, 105.4322

Triad

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



66.7322, 72.6891, 105.1210



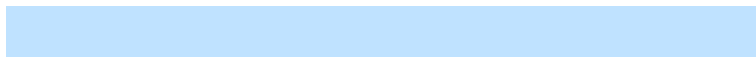
77.7432, 72.6891, 73.4226



63.3246, 72.6891, 62.7391

Complementary

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



66.7322, 72.6891, 105.1210



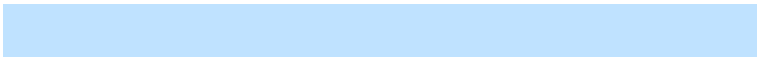
76.2371, 76.2073, 59.9833

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.



67.0603, 72.6891, 57.6381



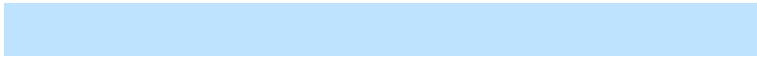
66.7322, 72.6891, 105.1210



75.4525, 72.6891, 63.3430

Square

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



66.7322, 72.6891, 105.1210



77.6461, 72.6891, 86.1716



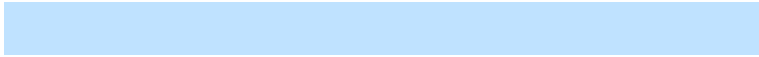
71.5003, 72.6891, 57.8466



61.1846, 72.6891, 72.5131

Rectangle

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



66.7322, 72.6891, 105.1210



73.9689, 72.6891, 101.3184



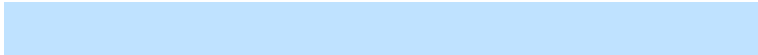
71.5003, 72.6891, 57.8466



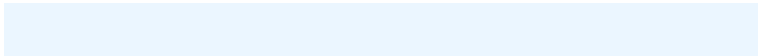
64.4283, 72.6891, 60.4703

Sweetspot

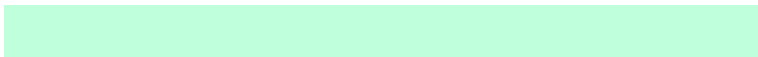
The Sweet Spot groups the original color and five complimentary colors.



66.7342, 72.6919, 105.1214



85.0610, 90.5781, 107.6079



70.1386, 87.7535, 80.8139



17.8264, 19.0245, 22.9825



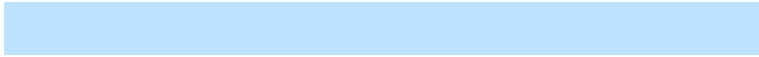
0.0000, 0.0000, 0.0000



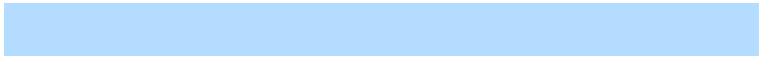
20.3446, 21.4041, 23.3091

Same Dimension

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



66.7342, 72.6919, 105.1214



62.2075, 68.1092, 104.4754



58.8736, 56.9707, 102.5012



17.8264, 19.0245, 22.9825



14.4424, 13.7943, 51.3360



1.5154, 1.5615, 5.0348

Inverse Universe

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



73.5995, 64.0141, 80.4316



70.2234, 58.4855, 75.5340



85.3920, 94.5171, 63.0349



18.4250, 18.1533, 20.8554



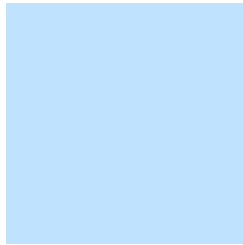
24.0780, 12.1205, 14.3273



2.3995, 1.2022, 1.6853

Previews

White Background



This preview shows how the XYZ color 66.7322, 72.6891, 105.1210 looks on a white background.

Color Contrast Check

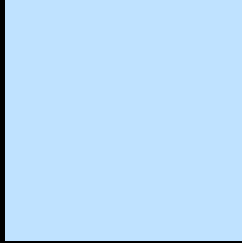
Large Text (above 18pt) WCAG AA × Fail

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 66.7322, 72.6891, 105.1210 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

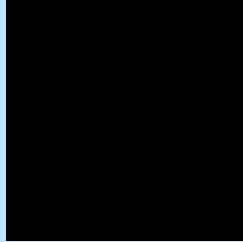
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

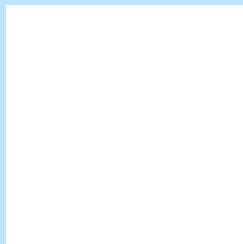
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.7322, 72.6891, 105.1210

Background



This preview shows how black text looks on a background with the XYZ color 66.7322, 72.6891, 105.1210.

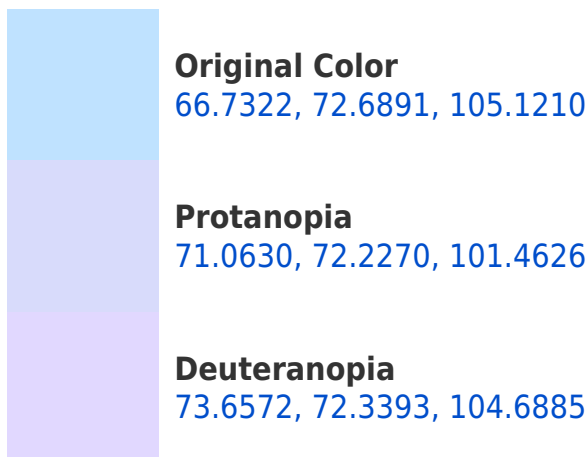


This preview shows how white text looks on a background with the XYZ color 66.7322, 72.6891,

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

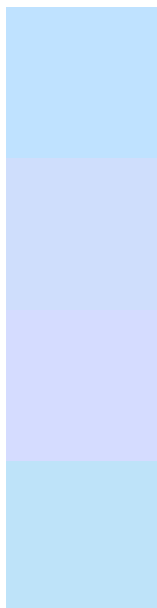




Tritanopia

65.3642, 72.9594, 97.8263

Trichromacy



Original Color

66.7322, 72.6891, 105.1210

Protanomaly

69.4241, 72.5362, 102.4373

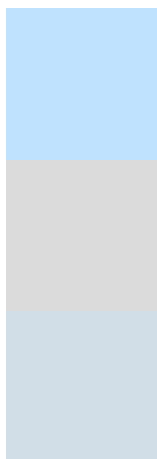
Deuteranomaly

71.0838, 72.5525, 104.8653

Tritanomaly

65.8032, 72.7249, 100.1916

Monochromacy



Original Color

66.7322, 72.6891, 105.1210

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.9813, 71.6241, 86.6385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7322, 72.6891, 105.1210 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(191, 226, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 226, 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(191, 226, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 226, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.7322, 72.6891, 105.1210 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(191, 226, 255) }
```


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

```
.border{ border-color:rgb(191, 226, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 226, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 226, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 226, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 226,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7322, 72.6891, 105.1210 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 226, 255) }
```

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

```
.background{ background-color: rgb(191,  
226, 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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