

Converting Colors

XYZ(66.6404, 72.5027,
101.5141)

Have a look what the booklet for
XYZ(66.6404, 72.5027, 101.5141)
contains.

XYZ(66.5859, 72.2848, 101.7097)	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(66.5859, 72.2848,
101.7097)**

Conversions

Conversions Part 1

Format	Color
Hex	C2E1FB
RGB	194, 225, 251
RGB Percent	76%, 88%, 98%
CMY	0.2392, 0.1176, 0.0157
CMYK	0.23, 0.10, 0.00, 0.02
HSL	207°, 88%, 87%
HSV	207°, 23%, 98%
XYZ	66.5859, 72.2848, 101.7097
YIQ	218.6950, -26.8220, 1.5140

Conversions

Conversions Part 2

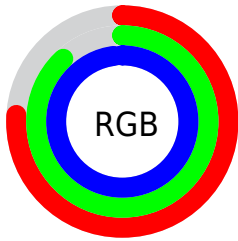
Format	Color
RYB	194, 214, 251
Decimal	12771835
CIELab	88.11, -4.66, -16.02
CIElCh	88, 16.680, 253.774
Yxy	72.2848, 0.2768, 0.3005
Android (android.graphics.Color)	4290961915 (0xFFC2E1FB)
YUV	218.6950, 15.9264, -21.6575
Hunter-Lab	85.0205, -8.9891, -11.4141

Details

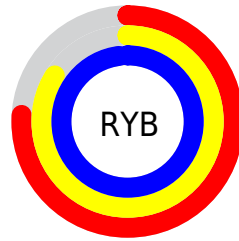
The XYZ color **66.5859, 72.2848, 101.7097** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **75.1152, 75.5908, 61.6720**, and the grayscale version is **67.0289, 70.5197, 76.7959**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **34.7598, 38.1335, 56.5674** is the 20% darker color. If you saturate the color by 10%, you get **57.6886, 63.2583, 100.4376**, and if you desaturate by 10%, it is **76.7831, 82.2930, 103.1052**.

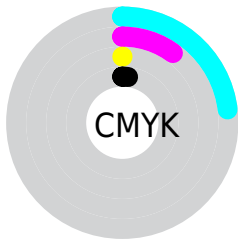
Distribution



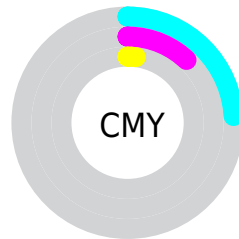
- Red (76%)
- Green (88%)
- Blue (98%)



- Red (76%)
- Yellow (84%)
- Blue (98%)



- Cyan (23%)
- Magenta (10%)
- Yellow (0%)
- Black (2%)



- Cyan (24%)
- Magenta (12%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.5859, 72.2848, 101.7097 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 66.5859, 72.2848, 101.7097 by changing the saturation by 10% instead.

■ 66.5859, 72.2848,
101.7097

■ 66.5859, 72.2848,
101.7097

437.9250,
468.5323, 586.9538

■ 49.0176, 53.3914,
77.1043

■ 113.3799,
122.4614, 165.5770

■ 34.8481, 38.1153,
56.8264

143.3364,
154.5133, 205.6761

■ 23.7118, 26.0722,
40.4575

178.1530,
191.7201, 251.7768

■ 15.2436, 16.8776,
27.5789

218.1950,
234.4663, 304.2977

■ 9.0779, 10.1473,
17.7722

263.8279,
283.1362, 363.6573

■ 4.8496, 5.4967,
10.6188

315.4170,

■ 2.1931, 2.5416,

338.1142, 430.2741

5.7002

373.3276,
399.7848, 504.5668

■ 0.7391, 0.8974,
2.5978

■ 0.0000, 0.0000,
0.8913

■ 66.5859, 72.2848,
101.7097

■ 66.5859, 72.2848,
101.7097

■ 57.6886, 63.2583,
100.4376

■ 76.7831, 82.2930,
103.1052

■ 50.0259, 55.1686,
99.2799

■ 88.3284, 93.3083,
104.6229

■ 43.5366, 47.9797,
98.2344

■ 94.4128, 99.7451,
105.5446

■ 38.1509, 41.6492,
97.2963

■ 33.7910, 36.1305,
96.4609

■ 30.3676, 31.3707,
95.7226

■ 27.7732, 27.3072,
95.0750

■ 26.2905, 24.7206,
94.6539

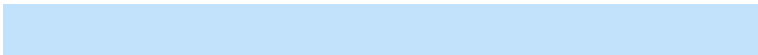
Harmonies

Analogous

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



63.3195, 72.2848, 94.8827



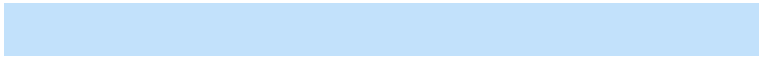
66.5859, 72.2848, 101.7097



70.5449, 72.2848, 101.9982

Triad

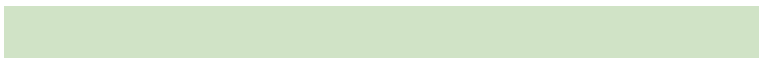
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



66.5859, 72.2848, 101.7097



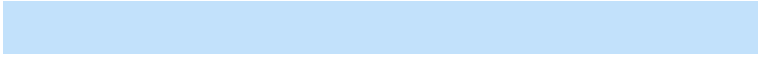
76.4176, 72.2848, 73.5962



63.5393, 72.2848, 63.9015

Complementary

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



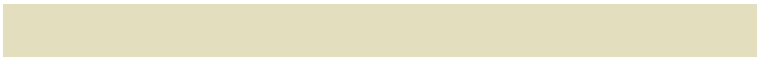
66.5859, 72.2848, 101.7097



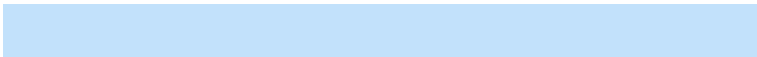
75.1152, 75.5908, 61.6720

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.



66.8964, 72.2848, 59.2604



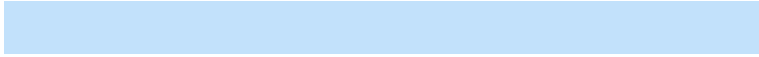
66.5859, 72.2848, 101.7097



74.3865, 72.2848, 64.4809

Square

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



66.5859, 72.2848, 101.7097



76.3266, 72.2848, 84.9975



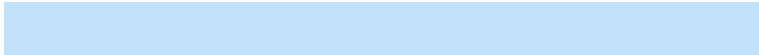
70.8676, 72.2848, 59.4617



61.6076, 72.2848, 72.7326

Rectangle

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



66.5859, 72.2848, 101.7097



73.0524, 72.2848, 98.3900



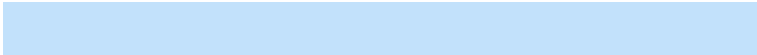
70.8676, 72.2848, 59.4617



64.5327, 72.2848, 61.8395

Sweetspot

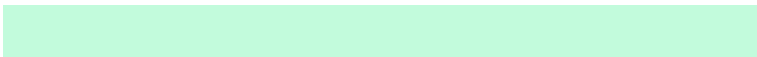
The Sweet Spot groups the original color and five complimentary colors.



66.5881, 72.2877, 101.7113



86.2427, 91.6855, 107.7593



69.6187, 85.6138, 80.3247



18.3040, 19.4763, 23.0445



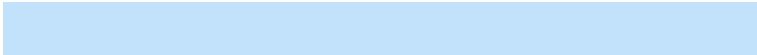
0.0000, 0.0000, 0.0000



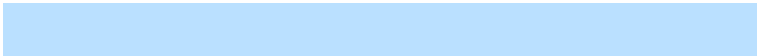
20.3446, 21.4041, 23.3091

Same Dimension

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



66.5881, 72.2877, 101.7113



64.8839, 70.7733, 104.8486



59.5944, 58.3004, 99.3801



17.0654, 18.2076, 22.0003



13.9668, 13.2891, 49.8025



1.3996, 1.4428, 4.6479

Inverse Universe

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



72.6678, 64.5308, 79.8631



72.2306, 61.8011, 78.3572



83.1361, 91.6327, 64.3456



17.6395, 17.3832, 19.9575



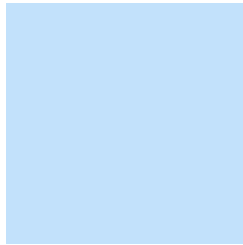
23.3418, 11.7524, 13.7743



2.2154, 1.1099, 1.5575

Previews

White Background



This preview shows how the XYZ color 66.5859, 72.2848, 101.7097 looks on a white background.

Color Contrast Check

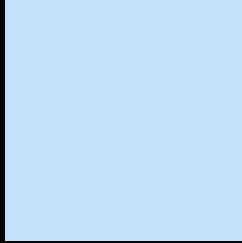
Large Text (above 18pt) WCAG AA × Fail

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 66.5859, 72.2848, 101.7097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

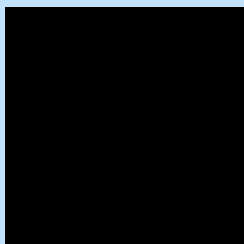
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

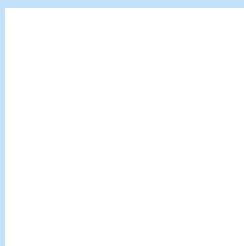
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.5859, 72.2848, 101.7097

Background



This preview shows how black text looks on a background with the XYZ color 66.5859, 72.2848, 101.7097.



This preview shows how white text looks on a background with the XYZ color 66.5859, 72.2848,

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

66.5859, 72.2848, 101.7097

Protanopia

70.7353, 72.1301, 98.1900

Deuteranopia

73.7086, 72.0236, 102.9456



Tritanopia

65.5178, 72.2618, 96.0827

Trichromacy



Original Color

66.5859, 72.2848, 101.7097

Protanomaly

69.0942, 72.0455, 99.0715

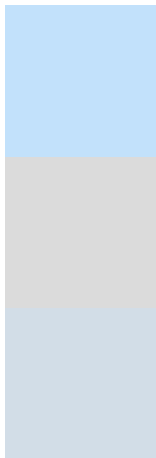
Deuteranomaly

70.9265, 72.1384, 102.2813

Tritanomaly

65.9772, 72.4456, 98.5017

Monochromacy



Original Color

66.5859, 72.2848, 101.7097

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.8586, 71.1841, 85.8174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.5859, 72.2848, 101.7097 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, 251)` looks like.

```
.text, #text, p{  
    color:rgb(194, 225, 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(194, 225, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 225, 251) }
```

Border

The CSS property to change the border of an element to XYZ 66.5859, 72.2848, 101.7097 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, 251) }
```


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

```
.border{ border-color:rgb(194, 225, 251) }
```

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, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 225, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 225, 251);  
box-shadow:4px 4px 4px 4px rgb(194, 225,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 66.5859, 72.2848, 101.7097 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, 251) }
```

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

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

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor