

Converting Colors

XYZ(108.2385, 100.0000,
289.6439)

Have a look what the booklet for
XYZ(108.2385, 100.0000, 289.6439)
contains.

XYZ(73.6639, 86.1778, 107.3592)	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(73.6639, 86.1778,
107.3592)**

Conversions

Conversions Part 1

Format	Color
Hex	C0F9FF
RGB	192, 249, 255
RGB Percent	75%, 98%, 100%
CMY	0.2470, 0.0235, 0.0000
CMYK	0.25, 0.02, 0.00, 0.00
HSL	186°, 100%, 88%
HSV	186°, 25%, 100%
XYZ	73.6639, 86.1778, 107.3592
YIQ	232.6410, -35.8980, -10.2180

Conversions

Conversions Part 2

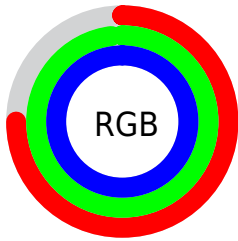
Format	Color
R_{YB}	192, 222, 255
Decimal	12646911
CIE _{Lab}	94.39, -16.53, -8.74
CIE _{LCh}	94, 18.701, 207.856
Yxy	86.1778, 0.2757, 0.3225
Android (android.graphics.Color)	4290836991 (0xFFC0F9FF)
YUV	232.6410, 11.0230, -35.6422
Hunter-Lab	92.8320, -20.8130, -3.5858

Details

The XYZ color **73.6639, 86.1778, 107.3592** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.9485, 65.4533, 58.7653**, and the grayscale version is **77.1233, 81.1397, 88.3611**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **39.3592, 47.0949, 60.4418** is the 20% darker color. If you saturate the color by 10%, you get **67.0134, 81.6452, 106.8349**, and if you desaturate by 10%, it is **81.4472, 91.3132, 107.9402**.

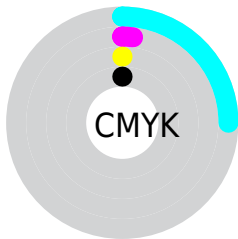
Distribution



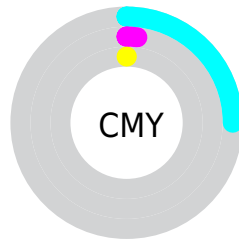
- Red (75%)
- Green (98%)
- Blue (100%)



- Red (75%)
- Yellow (87%)
- Blue (100%)



- Cyan (25%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.6639, 86.1778, 107.3592 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 73.6639, 86.1778, 107.3592 by changing the saturation by 10% instead.

73.6639, 86.1778,
107.3592

73.6639, 86.1778,
107.3592

462.3808,
515.5173, 604.9850

54.8093, 64.8150,
81.8095

123.4173,
142.0176, 173.3740

39.4823, 47.3111,
60.6737

155.0468,
177.2634, 214.6762

27.3175, 33.2817,
43.5330

191.6654,
217.9056, 262.0664

17.9497, 22.3423,
29.9691

233.6383,
264.3287, 315.9630

11.0133, 14.1086,
19.5632

281.3309,
316.9170, 376.7846

6.1432, 8.1963,
11.8971

335.1087,

2.9738, 4.2208,

376.0549, 444.9498

6.5519

395.3368,
442.1269, 520.8771

■ 1.1399, 1.7978,
3.1093

■ 0.0581, 0.4858,
1.1507

■ 73.6639, 86.1778,
107.3592

■ 73.6639, 86.1778,
107.3592

■ 67.0134, 81.6452,
106.8349

■ 81.4472, 91.3132,
107.9402

■ 61.4312, 77.6754,
106.3628

■ 90.4101, 97.0689,
108.5788

■ 56.8568, 74.2394,
105.9407

95.0500, 100.0000,
108.9000

■ 53.2205, 71.3013,
105.5653

■ 50.4441, 68.8206,
105.2328

■ 48.4363, 66.7503,
104.9390

■ 47.0850, 65.0325,
104.6786

■ 46.5511, 64.2221,
104.5504

Harmonies

Analogous

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



72.6324, 86.1778, 92.8019



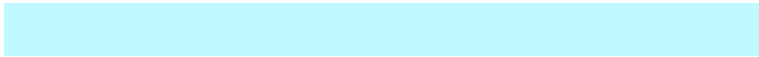
73.6639, 86.1778, 107.3592



76.8776, 86.1778, 119.2550

Triad

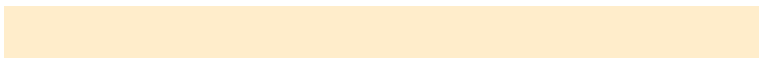
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



73.6639, 86.1778, 107.3592



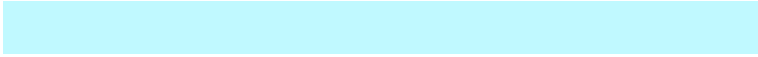
90.3620, 86.1778, 109.3320



82.2713, 86.1778, 68.8180

Complementary

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



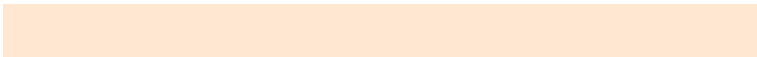
73.6639, 86.1778, 107.3592



70.9485, 65.4533, 58.7653

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.



87.1561, 86.1778, 72.3078



73.6639, 86.1778, 107.3592



91.9445, 86.1778, 94.8717

Square

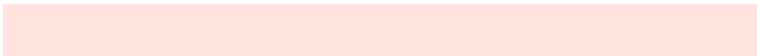
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.6639, 86.1778, 107.3592



86.5054, 86.1778, 120.4734



90.7484, 86.1778, 81.4934



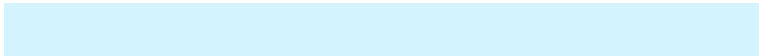
77.4792, 86.1778, 71.4414

Rectangle

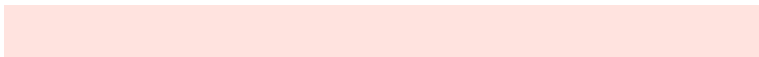
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.6639, 86.1778, 107.3592



79.8944, 86.1778, 123.5541



90.7484, 86.1778, 81.4934



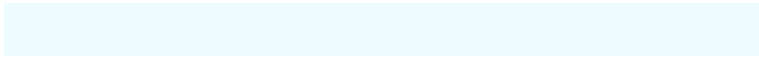
83.9580, 86.1778, 69.3068

Sweetspot

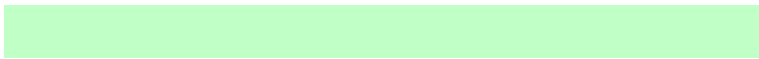
The Sweet Spot groups the original color and five complimentary colors.



73.6662, 86.1812, 107.3598



88.2456, 95.6913, 108.4270



67.6061, 86.7697, 66.1604



18.7687, 20.4055, 23.1994



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.



73.6662, 86.1812, 107.3598



70.0063, 83.7068, 107.0750



64.9258, 68.7004, 104.4463



18.3984, 20.1684, 23.1731



24.3845, 33.6786, 54.6500



2.4154, 3.3616, 5.3348

Inverse Universe

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



77.1899, 65.8005, 98.2588



74.1599, 60.0601, 96.2632



78.7053, 80.9670, 61.3510



18.7137, 18.2688, 22.3757



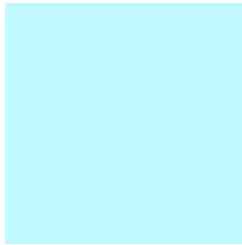
29.0964, 14.1278, 40.7536



2.8538, 1.3839, 4.0776

Previews

White Background



This preview shows how the XYZ color 73.6639, 86.1778, 107.3592 looks on a white background.

Color Contrast Check

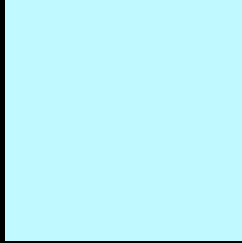
Large Text (above 18pt) WCAG AA × Fail

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 73.6639, 86.1778, 107.3592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

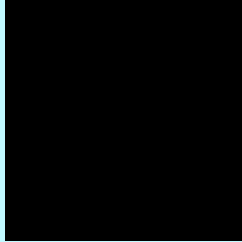
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 73.6639, 86.1778, 107.3592

Background



This preview shows how black text looks on a background with the XYZ color 73.6639, 86.1778, 107.3592.

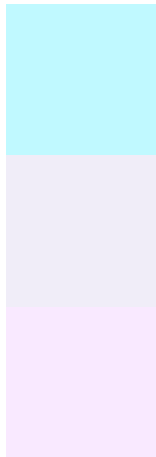


This preview shows how white text looks on a background with the XYZ color 73.6639, 86.1778,

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

73.6639, 86.1778, 107.3592

Protanopia

83.1626, 85.8709, 100.9985

Deuteranopia

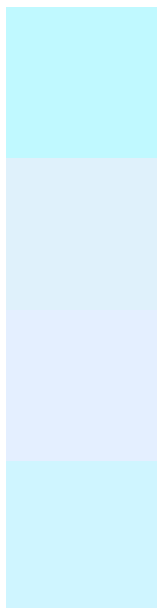
86.2558, 85.6376, 106.5913



Tritanopia

78.1249, 85.7683, 107.0450

Trichromacy



Original Color

73.6639, 86.1778, 107.3592

Protanomaly

79.2993, 85.5636, 103.6027

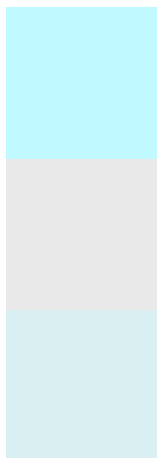
Deuteranomaly

80.9114, 85.4470, 106.8362

Tritanomaly

76.4345, 85.7902, 107.1384

Monochromacy



Original Color

73.6639, 86.1778, 107.3592

Achromatopsia

77.4512, 81.4847, 88.7368

Achromatomaly

75.6571, 82.9893, 95.2501

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.6639, 86.1778, 107.3592 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(192, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 249, 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(192, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 249, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.6639, 86.1778, 107.3592 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(192, 249, 255) }
```


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

```
.border{ border-color:rgb(192, 249, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 249, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 249,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.6639, 86.1778, 107.3592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 249, 255) }
```

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

```
.background{ background-color: rgb(192,  
249, 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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