

Converting Colors

XYZ(75.4596, 78.7102,
117.1553)

Have a look what the booklet for
XYZ(75.4596, 78.7102, 117.1553)
contains.

XYZ(73.2108, 77.6625, 105.7395)	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(73.2108, 77.6625,
105.7395)**

Conversions

Conversions Part 1

Format	Color
Hex	D3E6FF
RGB	211, 230, 255
RGB Percent	83%, 90%, 100%
CMY	0.1725, 0.0980, 0.0000
CMYK	0.17, 0.10, 0.00, 0.00
HSL	214°, 100%, 91%
HSV	214°, 17%, 100%
XYZ	73.2108, 77.6625, 105.7395
YIQ	227.1690, -19.3490, 3.7470

Conversions

Conversions Part 2

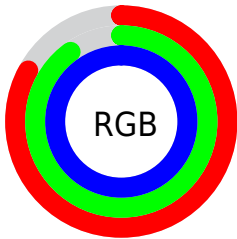
Format	Color
R_{YB}	211, 224, 255
Decimal	13887231
CIE Lab	90.63, -1.26, -14.22
CIE LCh	91, 14.275, 264.939
Yxy	77.6625, 0.2853, 0.3026
Android (android.graphics.Color)	4292077311 (0xFFD3E6FF)
YUV	227.1690, 13.7207, -14.1802
Hunter-Lab	88.1263, -5.9325, -9.4514

Details

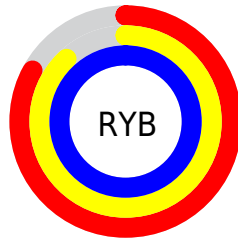
The XYZ color **73.2108, 77.6625, 105.7395** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.9930, 85.9529, 73.8461**, and the grayscale version is **73.0518, 76.8562, 83.6964**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **39.2333, 41.8051, 59.4275** is the 20% darker color. If you saturate the color by 10%, you get **62.6117, 66.4621, 104.1362**, and if you desaturate by 10%, it is **85.3080, 90.1366, 107.5096**.

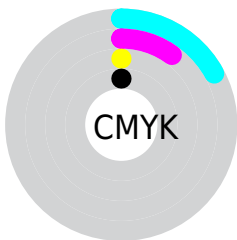
Distribution



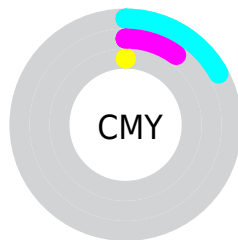
- Red (83%)
- Green (90%)
- Blue (100%)



- Red (83%)
- Yellow (88%)
- Blue (100%)



- Cyan (17%)
- Magenta (10%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (10%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 73.2108, 77.6625, 105.7395 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 73.2108, 77.6625, 105.7395 by changing the saturation by 10% instead.

■ 73.2108, 77.6625,
105.7395

■ 73.2108, 77.6625,
105.7395

460.8376,
487.0199, 599.8446

■ 54.4373, 57.7968,
80.4589

122.7779,
130.0742, 171.1429

■ 39.1835, 41.6453,
59.5677

154.3023,
163.3891, 212.1027

■ 27.0839, 28.8236,
42.6473

190.8077,
201.9557, 259.1261

■ 17.7731, 18.9475,
29.2791

232.6595,
246.1585, 312.6316

■ 10.8859, 11.6323,
19.0447

280.2231,
296.3820, 373.0376

■ 6.0569, 6.4938,
11.5254

333.8637,

■ 2.9207, 3.1476,

353.0104, 440.7627

6.3028

393.9467,
416.4282, 516.2256

■ 1.1120, 1.2093,
2.9583

■ 0.0351, 0.0693,
1.0734

■ 73.2108, 77.6625,
105.7395

■ 73.2108, 77.6625,
105.7395

■ 62.6117, 66.4621,
104.1362

■ 85.3080, 90.1366,
107.5096

■ 53.4417, 56.4818,
102.6931

95.0500, 100.0000,
108.9000

■ 45.6357, 47.6775,
101.4052

■ 39.1206, 39.9985,
100.2664

■ 33.8157, 33.3897,
99.2703

■ 29.6302, 27.7900,
98.4101

■ 26.4588, 23.1300,
97.6777

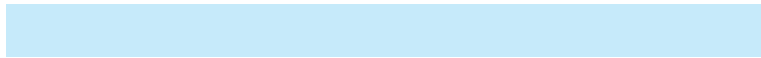
■ 24.1675, 19.3249,
97.0641

■ 23.6403, 18.4006,
96.9134

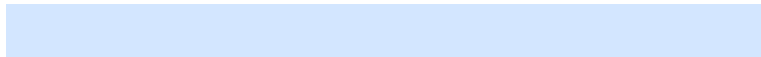
Harmonies

Analogous

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



69.9349, 77.6625, 101.7317



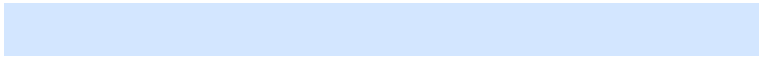
73.2108, 77.6625, 105.7395



76.7542, 77.6625, 103.7099

Triad

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



73.2108, 77.6625, 105.7395



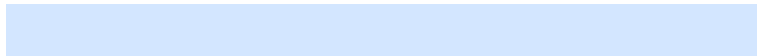
80.2299, 77.6625, 76.5244



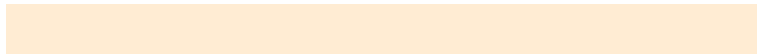
68.3278, 77.6625, 73.7429

Complementary

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



73.2108, 77.6625, 105.7395



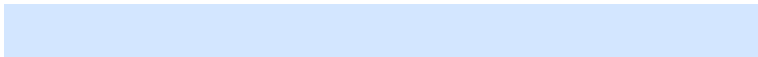
82.9930, 85.9529, 73.8461

Split Complementary

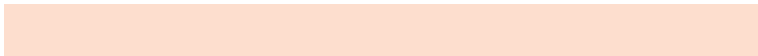
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.9535, 77.6625, 67.9278



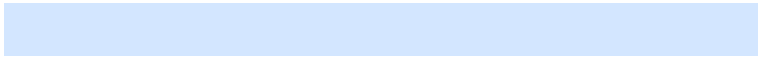
73.2108, 77.6625, 105.7395



77.8379, 77.6625, 69.4405

Square

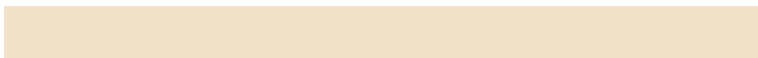
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.2108, 77.6625, 105.7395



80.8813, 77.6625, 86.3108



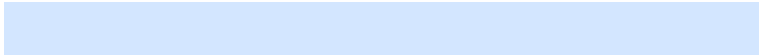
74.4243, 77.6625, 66.4183



67.1744, 77.6625, 82.8355

Rectangle

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



73.2108, 77.6625, 105.7395



78.7816, 77.6625, 99.2853



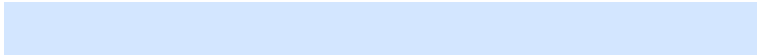
74.4243, 77.6625, 66.4183



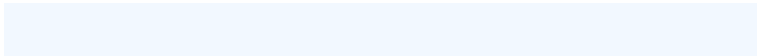
69.0633, 77.6625, 71.3701

Sweetspot

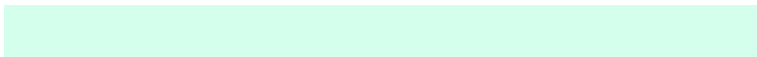
The Sweet Spot groups the original color and five complimentary colors.



73.2129, 77.6656, 105.7400



88.2465, 93.1268, 107.9319



77.7555, 91.4216, 92.8550



18.6905, 19.7319, 23.0735



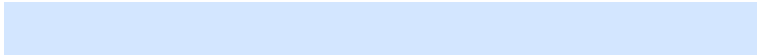
0.0000, 0.0000, 0.0000



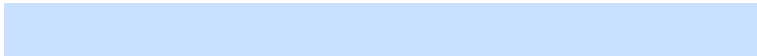
20.3446, 21.4041, 23.3091

Same Dimension

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



73.2129, 77.6656, 105.7400



69.0698, 73.3225, 105.1200



69.0577, 68.0963, 104.1119



17.6482, 18.6680, 22.9231



12.4942, 9.8980, 50.6866



1.3226, 1.1759, 4.9705

Inverse Universe

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



78.8185, 73.5633, 84.9114



75.7648, 68.6566, 80.1915



87.6873, 96.9312, 75.7177



18.3351, 18.1173, 20.3817



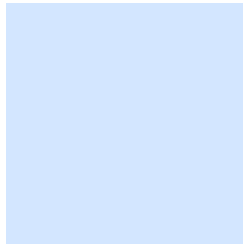
23.0947, 11.7272, 9.1492



2.3022, 1.1632, 1.1727

Previews

White Background



This preview shows how the XYZ color 73.2108, 77.6625, 105.7395 looks on a white background.

Color Contrast Check

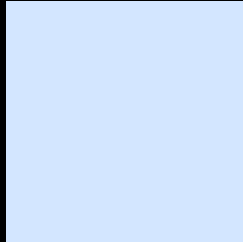
Large Text (above 18pt) WCAG AA × Fail

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 73.2108, 77.6625, 105.7395 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

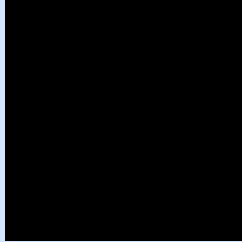
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

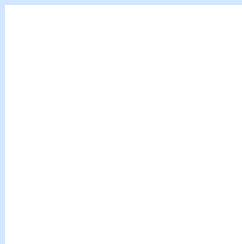
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 73.2108, 77.6625, 105.7395

Background



This preview shows how black text looks on a background with the XYZ color 73.2108, 77.6625, 105.7395.

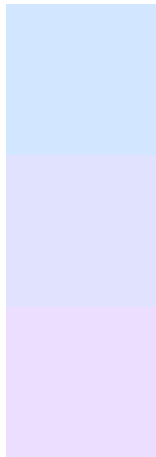


This preview shows how white text looks on a background with the XYZ color 73.2108, 77.6625,

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

73.2108, 77.6625, 105.7395

Protanopia

75.9773, 77.4921, 103.8815

Deuteranopia

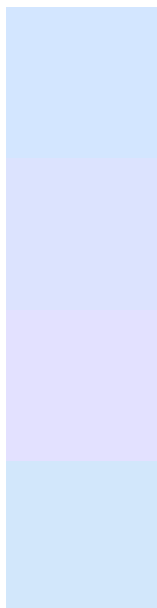
78.7633, 77.2954, 105.3760



Tritanopia

72.2531, 77.6930, 100.8106

Trichromacy



Original Color

73.2108, 77.6625, 105.7395

Protanomaly

74.8737, 77.3096, 104.7419

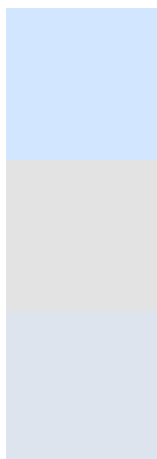
Deuteranomaly

76.6538, 77.4013, 105.5076

Tritanomaly

72.5668, 77.8185, 102.4626

Monochromacy



Original Color

73.2108, 77.6625, 105.7395

Achromatopsia

73.0128, 76.8151, 83.6517

Achromatomaly

72.8483, 76.9734, 91.1386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 73.2108, 77.6625, 105.7395 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(211, 230, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 230, 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(211, 230, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 230, 255) }
```

Border

The CSS property to change the border of an element to XYZ 73.2108, 77.6625, 105.7395 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(211, 230, 255) }
```


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

```
.border{ border-color:rgb(211, 230, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 230, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 230, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 230, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 230,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 73.2108, 77.6625, 105.7395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 230, 255) }
```

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

```
.background{ background-color: rgb(211,  
230, 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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