

Converting Colors

XYZ(65.4097, 71.3532, 91.3425)

Have a look what the booklet for
XYZ(65.4097, 71.3532, 91.3425)
contains.

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Color

**XYZ(65.3770, 71.4901,
91.2422)**

Conversions

Conversions Part 1

Format	Color
Hex	C6E0EE
RGB	198, 224, 238
RGB Percent	78%, 88%, 93%
CMY	0.2235, 0.1216, 0.0667
CMYK	0.17, 0.06, 0.00, 0.07
HSL	201°, 54%, 85%
HSV	201°, 17%, 93%
XYZ	65.3770, 71.4901, 91.2422
YIQ	217.8220, -19.9900, -1.1580

Conversions

Conversions Part 2

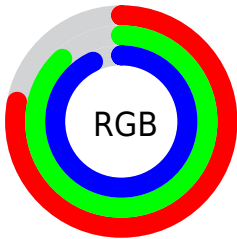
Format	Color
RYB	198, 214, 238
Decimal	13033710
CIELab	87.72, -5.71, -9.72
CIELCh	88, 11.279, 239.562
Yxy	71.4901, 0.2866, 0.3134
Android (android.graphics.Color)	4291223790 (0xFFC6E0EE)
YUV	217.8220, 9.9478, -17.3839
Hunter-Lab	84.5518, -9.9462, -4.7952

Details

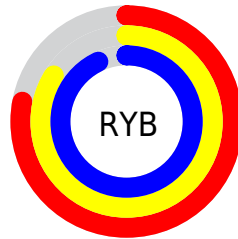
The XYZ color **65.3770, 71.4901, 91.2422** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.9971, 69.3414, 63.1753**, and the grayscale version is **66.4632, 69.9244, 76.1477**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1331, 37.6826, 49.7304** is the 20% darker color. If you saturate the color by 10%, you get **57.4065, 64.1411, 90.2449**, and if you desaturate by 10%, it is **74.4471, 79.5725, 92.3254**.

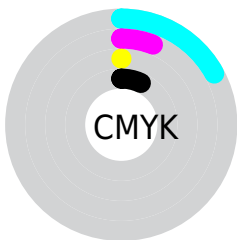
Distribution



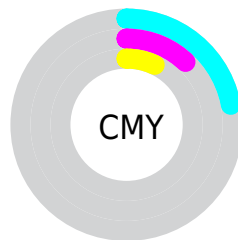
- Red (78%)
- Green (88%)
- Blue (93%)



- Red (78%)
- Yellow (84%)
- Blue (93%)



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)
- Black (7%)



- Cyan (22%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3770, 71.4901, 91.2422 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 65.3770, 71.4901, 91.2422 by changing the saturation by 10% instead.

■ 65.3770, 71.4901,
91.2422

■ 65.3770, 71.4901,
91.2422

433.6693,
465.7649, 552.7375

■ 48.0327, 52.7423,
68.4319

111.6544,
121.3313, 151.0132

■ 34.0641, 37.5970,
49.7803

141.3182,
153.1935, 188.8110

■ 23.1060, 25.6701,
34.8689

175.8191,
190.1958, 232.4417

■ 14.7929, 16.5770,
23.2792

215.5227,
232.7228, 282.3238

■ 8.7595, 9.9334,
14.5925

260.7941,
281.1588, 338.8759

■ 4.6405, 5.3548,
8.3905

311.9988,

■ 2.0705, 2.4569,

335.8882, 402.5165

4.2545

369.5021,
397.2955, 473.6642

■ 0.6731, 0.8549,
1.7660

■ 0.0000, 0.0000,
0.4054

■ 65.3770, 71.4901,
91.2422

■ 65.3770, 71.4901,
91.2422

■ 57.4065, 64.1411,
90.2449

■ 74.4471, 79.5725,
92.3254

■ 50.4819, 57.4898,
89.3261

■ 84.6549, 88.4046,
93.4921

■ 44.5540, 51.5104,
88.4844

■ 90.5454, 95.1783,
94.4891

■ 39.5671, 46.1719,
87.7168

■ 92.4328, 98.9531,
95.1182

■ 35.4597, 41.4401,
87.0199

■ 32.1621, 37.2764,
86.3900

■ 29.5929, 33.6363,
85.8229

■ 27.6489, 30.4640,
85.3130

■ 27.1072, 29.5219,
85.1597

Harmonies

Analogous

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



63.5733, 71.4901, 85.3356



65.3770, 71.4901, 91.2422



67.9099, 71.4901, 93.5170

Triad

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



65.3770, 71.4901, 91.2422



73.2226, 71.4901, 77.9532



65.4434, 71.4901, 65.7194

Complementary

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



65.3770, 71.4901, 91.2422



68.9971, 69.3414, 63.1753

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.



67.9885, 71.4901, 64.0219



65.3770, 71.4901, 91.2422



72.5214, 71.4901, 70.7978

Square

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



65.3770, 71.4901, 91.2422



72.4803, 71.4901, 85.5431



70.5880, 71.4901, 65.8200



63.6110, 71.4901, 70.6149

Rectangle

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



65.3770, 71.4901, 91.2422



69.6857, 71.4901, 92.5601



70.5880, 71.4901, 65.8200



66.2418, 71.4901, 64.7707

Sweetspot

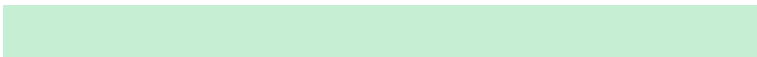
The Sweet Spot groups the original color and five complimentary colors.



65.3791, 71.4930, 91.2438



89.1070, 94.8478, 108.2188



65.6643, 77.8761, 73.4195



18.8996, 20.1502, 23.1432



0.0000, 0.0000, 0.0000



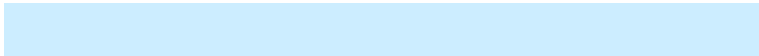
20.3446, 21.4041, 23.3091

Same Dimension

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



65.3791, 71.4930, 91.2438



73.2805, 80.7147, 106.3249



60.4744, 61.6837, 89.6089



15.7548, 16.9437, 20.1617



15.2487, 16.7217, 47.5518



1.3614, 1.5768, 3.9868

Inverse Universe

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



68.9103, 63.9488, 79.2357



78.1414, 70.5691, 89.7411



74.1235, 79.5943, 64.8841



16.2057, 15.9320, 18.6393



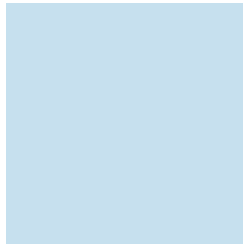
23.0225, 11.4814, 18.5667



1.9621, 0.9739, 1.7914

Previews

White Background



This preview shows how the XYZ color 65.3770, 71.4901, 91.2422 looks on a white background.

Color Contrast Check

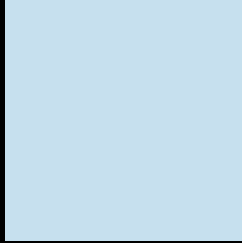
Large Text (above 18pt) WCAG AA × Fail

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 65.3770, 71.4901, 91.2422 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

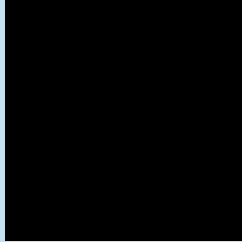
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.3770, 71.4901, 91.2422

Background



This preview shows how black text looks on a background with the XYZ color 65.3770, 71.4901, 91.2422.

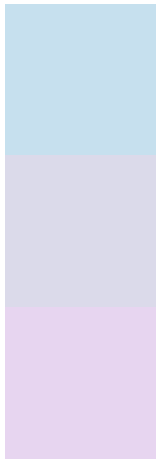


This preview shows how white text looks on a background with the XYZ color 65.3770, 71.4901,

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

65.3770, 71.4901, 91.2422

Protanopia

69.1361, 71.1434, 87.9301

Deuteranopia

72.4774, 70.8687, 92.2971



Tritanopia

65.8180, 71.2683, 93.5063

Trichromacy



Original Color

65.3770, 71.4901, 91.2422

Protanomaly

67.4526, 71.0334, 88.7530

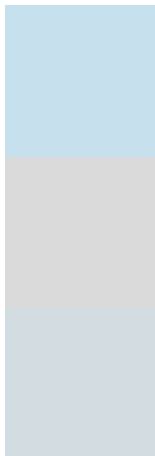
Deuteranomaly

69.6063, 70.9178, 91.6812

Tritanomaly

65.6690, 71.2087, 92.7216

Monochromacy



Original Color

65.3770, 71.4901, 91.2422

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.0478, 70.4715, 81.3554

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3770, 71.4901, 91.2422 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(198, 224, 238)` looks like.

```
.text, #text, p{  
    color:rgb(198, 224, 238)  
}
```

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(198, 224, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 224, 238) }
```

Border

The CSS property to change the border of an element to XYZ 65.3770, 71.4901, 91.2422 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(198, 224, 238) }
```


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

```
.border{ border-color:rgb(198, 224, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 224, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 224, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 224, 238);  
box-shadow:4px 4px 4px 4px rgb(198, 224,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3770, 71.4901, 91.2422 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 224, 238) }
```

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

```
.background{ background-color: rgb(198,  
224, 238) }
```

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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