

Converting Colors

XYZ(67.8763, 73.0735, 91.2109)

Have a look what the booklet for
XYZ(67.8763, 73.0735, 91.2109)
contains.

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Color

**XYZ(68.0900, 73.2889,
91.4464)**

Conversions

Conversions Part 1

Format	Color
Hex	CFE1EE
RGB	207, 225, 238
RGB Percent	81%, 88%, 93%
CMY	0.1882, 0.1176, 0.0667
CMYK	0.13, 0.05, 0.00, 0.07
HSL	205°, 48%, 87%
HSV	205°, 13%, 93%
XYZ	68.0900, 73.2889, 91.4464
YIQ	221.1000, -14.9010, 0.2270

Conversions

Conversions Part 2

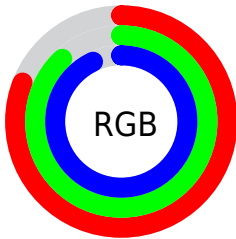
Format	Color
R _Y B	207, 218, 238
Decimal	13623790
CIE Lab	88.59, -3.41, -8.38
CIE LCh	89, 9.045, 247.851
Yxy	73.2889, 0.2925, 0.3148
Android (android.graphics.Color)	4291813870 (0xFFCFE1EE)
YUV	221.1000, 8.3317, -12.3657
Hunter-Lab	85.6089, -7.8437, -3.4066

Details

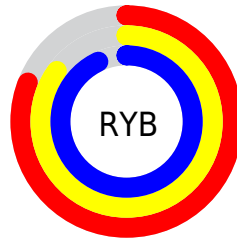
The XYZ color **68.0900, 73.2889, 91.4464** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.1161, 73.8683, 69.4900**, and the grayscale version is **68.7501, 72.3304, 78.7679**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.7671, 38.8022, 49.8604** is the 20% darker color. If you saturate the color by 10%, you get **59.3166, 64.8796, 90.2868**, and if you desaturate by 10%, it is **78.0276, 82.5363, 92.7087**.

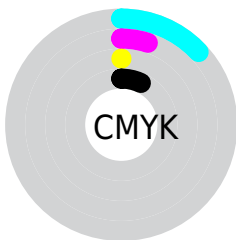
Distribution



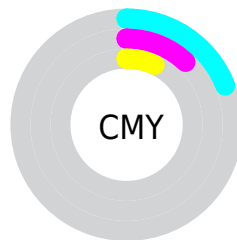
- Red (81%)
- Green (88%)
- Blue (93%)



- Red (81%)
- Yellow (85%)
- Blue (93%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (7%)



- Cyan (19%)
- Magenta (12%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.0900, 73.2889, 91.4464 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 68.0900, 73.2889, 91.4464 by changing the saturation by 10% instead.

■ 68.0900, 73.2889,
91.4464

■ 68.0900, 73.2889,
91.4464

443.1866,
472.0155, 553.4158

■ 50.2449, 54.2122,
68.6004

115.5221,
123.8873, 151.2989

■ 35.8266, 38.7714,
49.9166

145.8398,
156.1777, 189.1426

■ 24.4698, 26.5819,
34.9765

181.0457,
193.6416, 232.8225

■ 15.8091, 17.2595,
23.3613

221.5053,
236.6632, 282.7573

■ 9.4792, 10.4197,
14.6527

267.5838,
285.6270, 339.3655

■ 5.1146, 5.6781,
8.4321

319.6466,

■ 2.3501, 2.6503,

340.9174, 403.0656

4.2810

378.0591,
402.9188, 474.2762

■ 0.8201, 0.9520,
1.7807

■ 0.0000, 0.0000,
0.4152

■ 68.0900, 73.2889,
91.4464

■ 68.0900, 73.2889,
91.4464

■ 59.3166, 64.8796,
90.2868

■ 78.0276, 82.5363,
92.7087

■ 51.6536, 57.2709,
89.2221

■ 89.1676, 92.6394,
94.0717

■ 45.0524, 50.4356,
88.2506

■ 92.4137, 98.9149,
95.1119

■ 39.4578, 44.3411,
87.3692

■ 92.4328, 98.9531,
95.1182

■ 34.8095, 38.9519,
86.5739

■ 31.0398, 34.2288,
85.8610

■ 28.0710, 30.1271,
85.2257

■ 25.8096, 26.5939,
84.6629

■ 24.5526, 24.4127,
84.3082

Harmonies

Analogous

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



66.4002, 73.2889, 87.3970



68.0900, 73.2889, 91.4464



70.2333, 73.2889, 92.2961

Triad

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



68.0900, 73.2889, 91.4464



73.8958, 73.2889, 78.1699



67.1175, 73.2889, 70.6877

Complementary

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



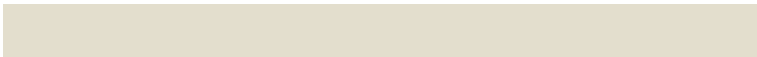
68.0900, 73.2889, 91.4464



72.1161, 73.8683, 69.4900

Split Complementary

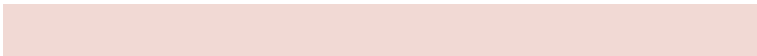
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



69.0877, 73.2889, 68.4844



68.0900, 73.2889, 91.4464



73.0225, 73.2889, 72.6550

Square

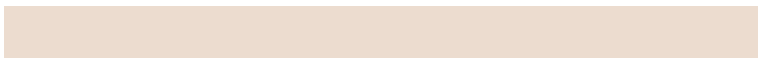
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.0900, 73.2889, 91.4464



73.6152, 73.2889, 84.4127



71.2517, 73.2889, 69.1854



65.8470, 73.2889, 75.3569

Rectangle

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



68.0900, 73.2889, 91.4464



71.6362, 73.2889, 90.8946



71.2517, 73.2889, 69.1854



67.7183, 73.2889, 69.6455

Sweetspot

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



68.0922, 73.2920, 91.4480



90.0473, 95.4183, 108.2793



69.2152, 79.5787, 79.3659



19.0779, 20.2429, 23.1517



0.0000, 0.0000, 0.0000



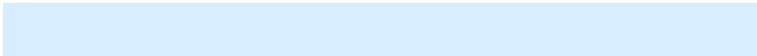
20.3446, 21.4041, 23.3091

Same Dimension

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



68.0922, 73.2920, 91.4480



76.3838, 82.6338, 106.5318



64.1100, 65.3277, 90.1207



15.6598, 16.7538, 20.1300



13.8285, 13.8812, 47.0784



1.2485, 1.3510, 3.9492

Inverse Universe

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



71.1651, 68.2407, 80.6586



80.7543, 75.6213, 91.1477



76.3514, 82.3390, 70.9018



16.1577, 15.9128, 18.3868



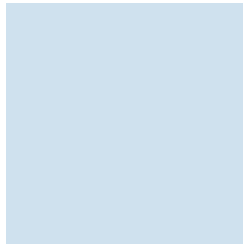
22.3056, 11.1947, 14.7917



1.9051, 0.9511, 1.4913

Previews

White Background



This preview shows how the XYZ color 68.0900, 73.2889, 91.4464 looks on a white background.

Color Contrast Check

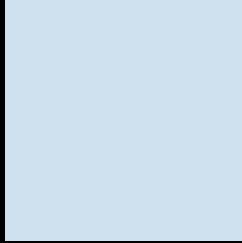
Large Text (above 18pt) WCAG AA × Fail

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 68.0900, 73.2889, 91.4464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

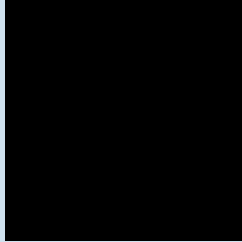
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

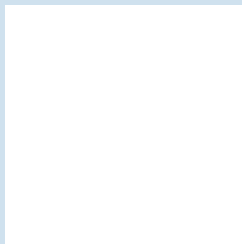
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.0900, 73.2889, 91.4464

Background



This preview shows how black text looks on a background with the XYZ color 68.0900, 73.2889, 91.4464.

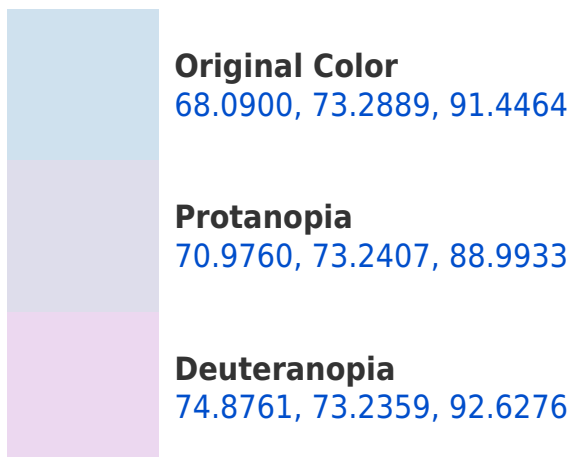


This preview shows how white text looks on a background with the XYZ color 68.0900, 73.2889,

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

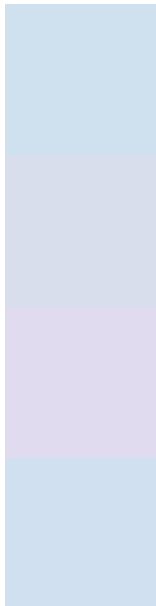




Tritanopia

68.6951, 73.1320, 94.4997

Trichromacy



Original Color

68.0900, 73.2889, 91.4464

Protanomaly

69.8769, 73.0504, 89.7741

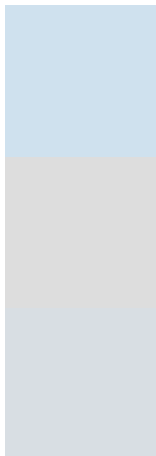
Deuteranomaly

71.9628, 72.9026, 91.9401

Tritanomaly

68.5453, 73.0721, 93.7107

Monochromacy



Original Color

68.0900, 73.2889, 91.4464

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.3053, 72.3875, 83.0452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.0900, 73.2889, 91.4464 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(207, 225, 238)` looks like.

```
.text, #text, p{  
    color:rgb(207, 225, 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(207, 225, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 225, 238) }
```

Border

The CSS property to change the border of an element to XYZ 68.0900, 73.2889, 91.4464 is called "border". The border property can be set on classes, ids or directly on the HTML element.

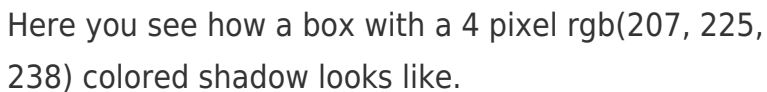
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(207, 225, 238) }
```


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

```
.border{ border-color:rgb(207, 225, 238) }
```

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



Here you see how a box with a 4 pixel rgb(207, 225, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 225, 238); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 225, 238); box-shadow:4px 4px 4px 4px rgb(207, 225, 238) }
```

Background

The CSS property to change the background color of an element to XYZ 68.0900, 73.2889, 91.4464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 225, 238) }
```

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

```
.background{ background-color: rgb(207,  
225, 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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