

Converting Colors

XYZ(69.5636, 73.9086, 92.0630)

Have a look what the booklet for
XYZ(69.5636, 73.9086, 92.0630)
contains.

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Color

**XYZ(69.6566, 74.0795,
92.2888)**

Conversions

Conversions Part 1

Format	Color
Hex	D4E1EF
RGB	212, 225, 239
RGB Percent	83%, 88%, 94%
CMY	0.1686, 0.1176, 0.0627
CMYK	0.11, 0.06, 0.00, 0.06
HSL	211°, 46%, 88%
HSV	211°, 11%, 94%
XYZ	69.6566, 74.0795, 92.2888
YIQ	222.7090, -12.2420, 1.5980

Conversions

Conversions Part 2

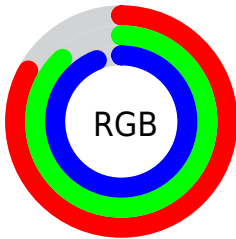
Format	Color
R_{YB}	212, 221, 239
Decimal	13951471
CIE Lab	88.96, -1.62, -8.31
CIE LCh	89, 8.466, 258.967
Yxy	74.0795, 0.2951, 0.3139
Android (android.graphics.Color)	4292141551 (0xFFD4E1EF)
YUV	222.7090, 8.0315, -9.3918
Hunter-Lab	86.0694, -6.1603, -3.3257

Details

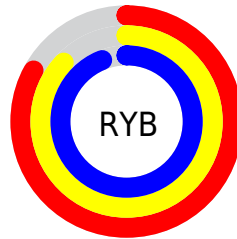
The XYZ color **69.6566, 74.0795, 92.2888** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.6770, 77.4965, 73.3112**, and the grayscale version is **69.8857, 73.5252, 80.0689**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8266, 39.3364, 50.4515** is the 20% darker color. If you saturate the color by 10%, you get **60.0420, 64.3316, 90.9152**, and if you desaturate by 10%, it is **80.5385, 84.8455, 93.7945**.

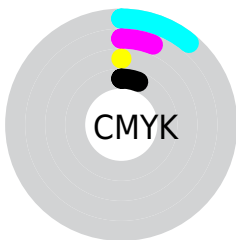
Distribution



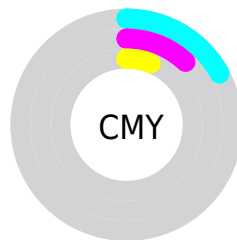
- Red (83%)
- Green (88%)
- Blue (94%)



- Red (83%)
- Yellow (87%)
- Blue (94%)



- Cyan (11%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)



- Cyan (17%)
- Magenta (12%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6566, 74.0795, 92.2888 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 69.6566, 74.0795, 92.2888 by changing the saturation by 10% instead.

■ 69.6566, 74.0795,
92.2888

■ 69.6566, 74.0795,
92.2888

448.6286,
474.7477, 556.2095

■ 51.5252, 54.8591,
69.2962

117.7479,
125.0085, 152.4768

■ 36.8495, 39.2889,
50.4797

148.4384,
157.4859, 190.5092

■ 25.2641, 26.9846,
35.4208

184.0461,
195.1511, 234.3919

■ 16.4037, 17.5616,
23.7011

224.9363,
238.3885, 284.5435

■ 9.9029, 10.6357,
14.9019

271.4742,
287.5824, 341.3825

■ 5.3964, 5.8225,
8.6047

324.0254,

■ 2.5188, 2.7374,

343.1173, 405.3275

4.3910

382.9550,
405.3776, 476.7970

■ 0.9048, 0.9962,
1.8422

■ 0.0000, 0.0000,
0.4556

■ 69.6566, 74.0795,
92.2888

■ 69.6566, 74.0795,
92.2888

■ 60.0420, 64.3316,
90.9152

■ 80.5385, 84.8455,
93.7945

■ 51.6383, 55.5591,
89.6648

■ 90.9389, 95.7295,
95.3471

■ 44.3945, 47.7300,
88.5355

■ 92.5802, 99.0121,
95.8942

■ 38.2530, 40.8064,
87.5228

■ 33.1512, 34.7476,
86.6222

■ 29.0192, 29.5087,
85.8288

■ 25.7775, 25.0396,
85.1370

■ 23.3316, 21.2821,
84.5406

■ 21.7227, 18.5171,
84.0917

Harmonies

Analogous

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



67.8472, 74.0795, 89.5039



69.6566, 74.0795, 92.2888



71.7029, 74.0795, 91.8461

Triad

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



69.6566, 74.0795, 92.2888



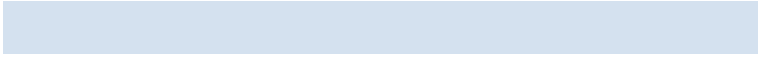
74.2149, 74.0795, 77.0364



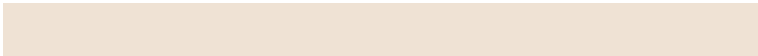
67.4706, 74.0795, 73.4543

Complementary

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



69.6566, 74.0795, 92.2888



74.6770, 77.4965, 73.3112

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.



69.1335, 74.0795, 70.4211



69.6566, 74.0795, 92.2888



73.0372, 74.0795, 72.4187

Square

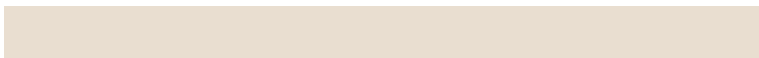
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.6566, 74.0795, 92.2888



74.3616, 74.0795, 82.8458



71.1695, 74.0795, 70.0515



66.6016, 74.0795, 78.5129

Rectangle

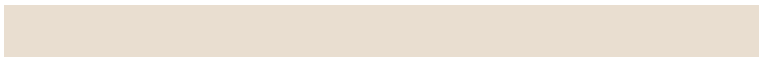
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.6566, 74.0795, 92.2888



72.9254, 74.0795, 89.7855



71.1695, 74.0795, 70.0515



67.9538, 74.0795, 72.1748

Sweetspot

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



69.6588, 74.0826, 92.2904



91.0392, 96.0736, 108.3535



71.7398, 81.2196, 83.8127



19.2617, 20.3431, 23.1614



0.0000, 0.0000, 0.0000



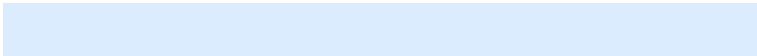
20.3446, 21.4041, 23.3091

Same Dimension

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



69.6588, 74.0826, 92.2904



77.4914, 82.6019, 106.4673



66.4061, 67.3845, 91.1690



15.5254, 16.4850, 20.0853



12.1343, 10.4929, 46.5137



1.1086, 1.0712, 3.9025

Inverse Universe

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



72.7324, 70.8755, 81.0847



81.8620, 78.1646, 90.5057



78.1962, 84.7602, 74.5277



16.0899, 15.8857, 18.0297



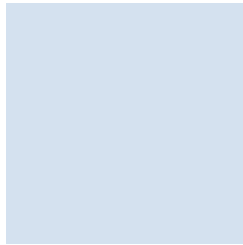
21.4505, 10.8526, 10.2886



1.8345, 0.9229, 1.1194

Previews

White Background



This preview shows how the XYZ color 69.6566, 74.0795, 92.2888 looks on a white background.

Color Contrast Check

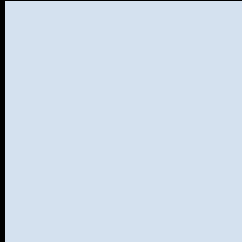
Large Text (above 18pt) WCAG AA × Fail

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 69.6566, 74.0795, 92.2888 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

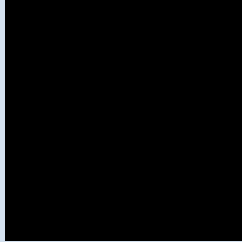
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

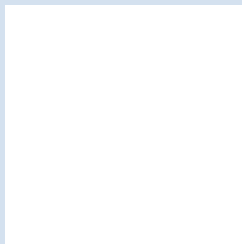
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.6566, 74.0795, 92.2888

Background



This preview shows how black text looks on a background with the XYZ color 69.6566, 74.0795, 92.2888.



This preview shows how white text looks on a background with the XYZ color 69.6566, 74.0795,

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

69.6566, 74.0795, 92.2888

Protanopia

71.8388, 74.0450, 90.6266

Deuteranopia

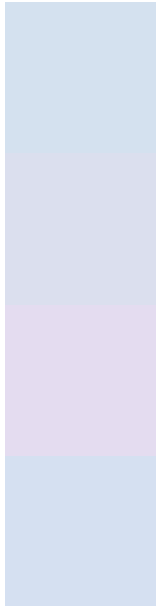
75.6151, 73.9811, 93.5135



Tritanopia

70.1232, 73.8682, 94.5665

Trichromacy



Original Color

69.6566, 74.0795, 92.2888

Protanomaly

71.0337, 74.0085, 91.4301

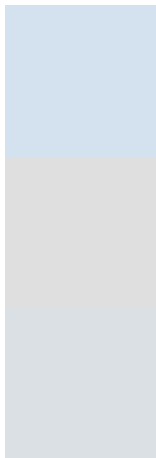
Deuteranomaly

73.3163, 73.9717, 92.8518

Tritanomaly

69.9734, 73.8083, 93.7775

Monochromacy



Original Color

69.6566, 74.0795, 92.2888

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.0119, 74.0285, 84.7277

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6566, 74.0795, 92.2888 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(212, 225, 239)` looks like.

```
.text, #text, p{  
    color:rgb(212, 225, 239)  
}
```

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(212, 225, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 225, 239) }
```

Border

The CSS property to change the border of an element to XYZ 69.6566, 74.0795, 92.2888 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(212, 225, 239) }
```


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

```
.border{ border-color:rgb(212, 225, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 225, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 225, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 225, 239);  
box-shadow:4px 4px 4px 4px rgb(212, 225,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6566, 74.0795, 92.2888 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 225, 239) }
```

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

```
.background{ background-color: rgb(212,  
225, 239) }
```

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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