

Converting Colors

XYZ(69.8728, 73.5179, 92.2663)

Have a look what the booklet for
XYZ(69.8728, 73.5179, 92.2663)
contains.

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Color

**XYZ(69.6992, 73.3035,
92.1368)**

Conversions

Conversions Part 1

Format	Color
Hex	D6DFEF
RGB	214, 223, 239
RGB Percent	84%, 87%, 94%
CMY	0.1608, 0.1255, 0.0627
CMYK	0.10, 0.07, 0.00, 0.06
HSL	218°, 44%, 89%
HSV	218°, 10%, 94%
XYZ	69.6992, 73.3035, 92.1368
YIQ	222.1330, -10.5000, 3.0680

Conversions

Conversions Part 2

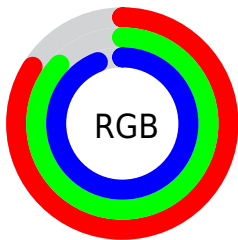
Format	Color
R _Y B	214, 221, 239
Decimal	14082031
CIE Lab	88.59, 0.06, -8.84
CIE LCh	89, 8.840, 270.369
Yxy	73.3035, 0.2964, 0.3117
Android (android.graphics.Color)	4292272111 (0xFFD6DFEF)
YUV	222.1330, 8.3154, -7.1326
Hunter-Lab	85.6175, -4.5178, -3.8724

Details

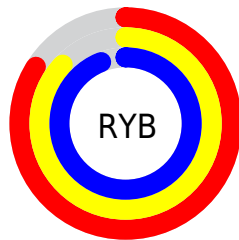
The XYZ color **69.6992, 73.3035, 92.1368** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.0313, 79.7988, 75.0151**, and the grayscale version is **69.4753, 73.0934, 79.5987**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.8480, 38.7951, 50.3459** is the 20% darker color. If you saturate the color by 10%, you get **59.3266, 62.1638, 90.5345**, and if you desaturate by 10%, it is **81.4686, 85.7150, 93.9133**.

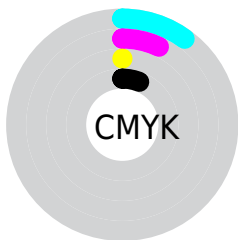
Distribution



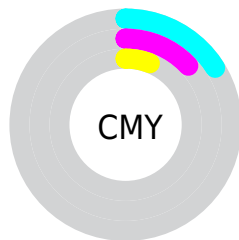
- Red (84%)
- Green (87%)
- Blue (94%)



- Red (84%)
- Yellow (87%)
- Blue (94%)



- Cyan (10%)
- Magenta (7%)
- Yellow (0%)
- Black (6%)



- Cyan (16%)
- Magenta (13%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.6992, 73.3035, 92.1368 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 69.6992, 73.3035, 92.1368 by changing the saturation by 10% instead.

■ 69.6992, 73.3035,
92.1368

■ 69.6992, 73.3035,
92.1368

448.7760,
472.0660, 555.7060

■ 51.5601, 54.2242,
69.1706

117.8083,
123.9080, 152.2643

■ 36.8774, 38.7809,
50.3780

148.5090,
156.2019, 190.2627

■ 25.2858, 26.5893,
35.3406

184.1275,
193.6695, 234.1089

■ 16.4200, 17.2650,
23.6397

225.0293,
236.6951, 284.2215

■ 9.9146, 10.4236,
14.8568

271.5797,
285.6632, 341.0189

■ 5.4042, 5.6807,
8.5735

324.1441,

■ 2.5235, 2.6519,

340.9581, 404.9198

4.3710

383.0877,
402.9642, 476.3426

■ 0.9071, 0.9528,
1.8310

■ 0.0000, 0.0000,
0.4483

■ 69.6992, 73.3035,
92.1368

■ 69.6992, 73.3035,
92.1368

■ 59.3266, 62.1638,
90.5345

■ 81.4686, 85.7150,
93.9133

■ 50.2902, 52.2445,
89.0961

■ 92.1323, 98.1163,
95.7450

■ 42.5344, 43.5038,
87.8178

■ 92.5802, 99.0121,
95.8942

■ 35.9970, 35.8938,
86.6934

■ 30.6103, 29.3631,
85.7168

■ 26.2991, 23.8558,
84.8810

■ 22.9789, 19.3096,
84.1785

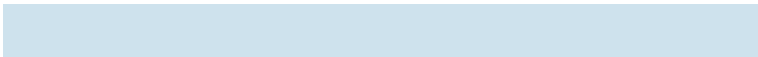
■ 20.5499, 15.6537,
83.6009

■ 18.9138, 12.8992,
83.1554

Harmonies

Analogous

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



67.6661, 73.3035, 90.4583



69.6992, 73.3035, 92.1368



71.7654, 73.3035, 90.3761

Triad

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



69.6992, 73.3035, 92.1368



73.2689, 73.3035, 74.0269



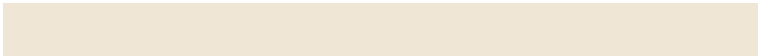
66.1708, 73.3035, 74.1516

Complementary

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



69.6992, 73.3035, 92.1368



76.0313, 79.7988, 75.0151

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.



67.6213, 73.3035, 70.1106



69.6992, 73.3035, 92.1368



71.7187, 73.3035, 70.0412

Square

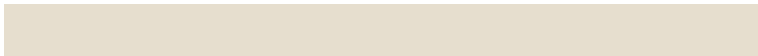
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.6992, 73.3035, 92.1368



73.8519, 73.3035, 79.7394



69.6464, 73.3035, 68.6439



65.6544, 73.3035, 79.8907

Rectangle

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



69.6992, 73.3035, 92.1368



72.8771, 73.3035, 87.5380



69.6464, 73.3035, 68.6439



66.5638, 73.3035, 72.5602

Sweetspot

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



69.7014, 73.3066, 92.1384



90.7496, 95.4943, 108.2570



72.8588, 81.7342, 86.6777



19.1836, 20.1869, 23.1353



0.0000, 0.0000, 0.0000



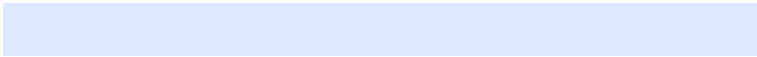
20.3446, 21.4041, 23.3091

Same Dimension

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



69.7014, 73.3066, 92.1384



77.4909, 81.4511, 106.2452



68.3423, 69.1293, 91.4038



15.3632, 16.1605, 20.0312



10.5651, 7.3544, 45.9906



0.9700, 0.7940, 3.8564

Inverse Universe

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



72.9641, 71.7731, 79.8236



82.1423, 79.3513, 88.6696



77.4868, 84.3651, 75.8197



16.0080, 15.8529, 17.5984



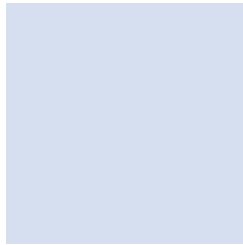
20.6584, 10.5358, 6.1177



1.7646, 0.8949, 0.7511

Previews

White Background



This preview shows how the XYZ color 69.6992, 73.3035, 92.1368 looks on a white background.

Color Contrast Check

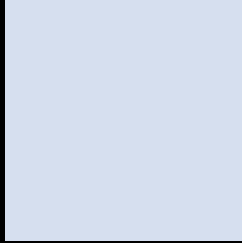
Large Text (above 18pt) WCAG AA × Fail

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 69.6992, 73.3035, 92.1368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

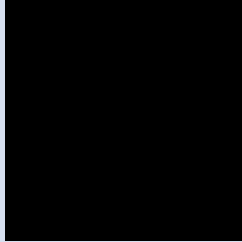
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

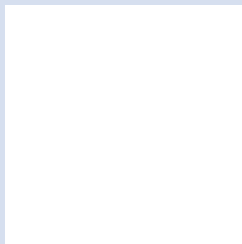
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 69.6992, 73.3035, 92.1368

Background



This preview shows how black text looks on a background with the XYZ color 69.6992, 73.3035, 92.1368.



This preview shows how white text looks on a background with the XYZ color 69.6992, 73.3035,

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

69.6992, 73.3035, 92.1368

Protanopia

71.4133, 73.4155, 91.2957

Deuteranopia

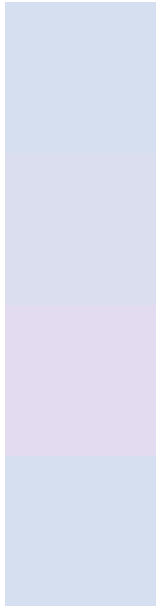
74.5450, 73.0652, 92.6121



Tritanopia

69.8474, 73.3628, 92.9172

Trichromacy



Original Color

69.6992, 73.3035, 92.1368

Protanomaly

70.7673, 73.4757, 91.3413

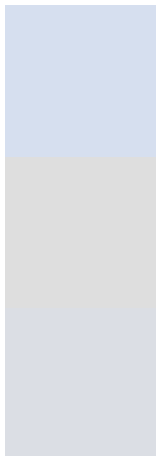
Deuteranomaly

72.7382, 73.2852, 92.7498

Tritanomaly

69.8474, 73.3628, 92.9172

Monochromacy



Original Color

69.6992, 73.3035, 92.1368

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

69.3383, 72.9041, 83.8162

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.6992, 73.3035, 92.1368 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(214, 223, 239) looks like.

```
.text, #text, p{  
    color:rgb(214, 223, 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(214, 223, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 223, 239) }
```

Border

The CSS property to change the border of an element to XYZ 69.6992, 73.3035, 92.1368 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(214, 223, 239) }
```


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

```
.border{ border-color:rgb(214, 223, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 223, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 223, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 223, 239);  
box-shadow:4px 4px 4px 4px rgb(214, 223,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 69.6992, 73.3035, 92.1368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 223, 239) }
```

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

```
.background{ background-color: rgb(214,  
223, 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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