

Converting Colors

XYZ(67.0386, 72.2265, 92.1927)

Have a look what the booklet for
XYZ(67.0386, 72.2265, 92.1927)
contains.

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Color

**XYZ(67.1375, 72.3807,
92.0937)**

Conversions

Conversions Part 1

Format	Color
Hex	CCE0EF
RGB	204, 224, 239
RGB Percent	80%, 88%, 94%
CMY	0.2000, 0.1215, 0.0627
CMYK	0.15, 0.06, 0.00, 0.06
HSL	206°, 52%, 87%
HSV	206°, 15%, 94%
XYZ	67.1375, 72.3807, 92.0937
YIQ	219.7300, -16.7350, 0.4250

Conversions

Conversions Part 2

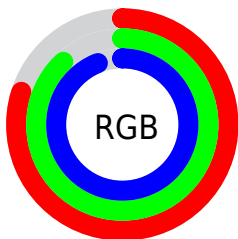
Format	Color
R_{YB}	204, 217, 239
Decimal	13426927
CIE _{Lab}	88.15, -3.64, -9.57
CIE _{LCh}	88, 10.237, 249.195
Yxy	72.3807, 0.2899, 0.3125
Android (android.graphics.Color)	4291617007 (0xFFCCE0EF)
YUV	219.7300, 9.5001, -13.7952
Hunter-Lab	85.0768, -8.0231, -4.6262

Details

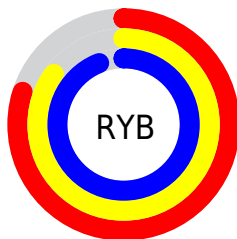
The XYZ color **67.1375, 72.3807, 92.0937** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.8277, 73.3732, 67.5049**, and the grayscale version is **67.7853, 71.3155, 77.6625**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3129, 38.2789, 50.3271** is the 20% darker color. If you saturate the color by 10%, you get **58.4133, 63.9214, 90.9219**, and if you desaturate by 10%, it is **77.0370, 81.6958, 93.3711**.

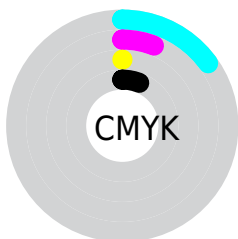
Distribution



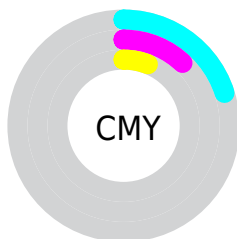
- Red (80%)
- Green (88%)
- Blue (94%)



- Red (80%)
- Yellow (85%)
- Blue (94%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (6%)



- Cyan (20%)
- Magenta (12%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1375, 72.3807, 92.0937 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 67.1375, 72.3807, 92.0937 by changing the saturation by 10% instead.

■ 67.1375, 72.3807,
92.0937

■ 67.1375, 72.3807,
92.0937

439.8588,
468.8656, 555.5632

■ 49.4675, 53.4697,
69.1350

114.1661,
122.5976, 152.2041

■ 35.2065, 38.1779,
50.3492

144.2554,
154.6724, 190.1928

■ 23.9893, 26.1208,
35.3178

179.2152,
191.9038, 234.0287

■ 15.4504, 16.9140,
23.6223

219.4109,
234.6764, 284.1301

■ 9.2244, 10.1732,
14.8441

265.2077,
283.3745, 340.9158

■ 4.9461, 5.5139,
8.5646

316.9710,

■ 2.2501, 2.5519,

338.3824, 404.8041

4.3654

375.0663,
400.0847, 476.2138

■ 0.7690, 0.9025,
1.8279

■ 0.0000, 0.0000,
0.4462

■ 67.1375, 72.3807,
92.0937

■ 67.1375, 72.3807,
92.0937

■ 58.4133, 63.9214,
90.9219

■ 77.0370, 81.6958,
93.3711

■ 50.8093, 56.2796,
89.8476

■ 88.1509, 91.8853,
94.7521

■ 44.2756, 49.4269,
88.8693

■ 92.4933, 98.8383,
95.8653

■ 38.7556, 43.3296,
87.9833

■ 92.5802, 99.0121,
95.8942

■ 34.1868, 37.9509,
87.1859

■ 30.4994, 33.2499,
86.4729

■ 27.6126, 29.1801,
85.8395

■ 25.4279, 25.6854,
85.2801

■ 24.4681, 24.0079,
85.0069

Harmonies

Analogous

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



65.2123, 72.3807, 87.6390



67.1375, 72.3807, 92.0937



69.5505, 72.3807, 92.8789

Triad

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



67.1375, 72.3807, 92.0937



73.5470, 72.3807, 76.6760



65.8641, 72.3807, 68.8188

Complementary

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



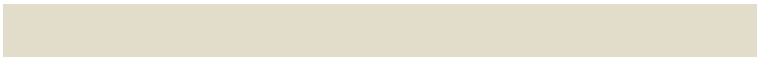
67.1375, 72.3807, 92.0937



71.8277, 73.3732, 67.5049

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.



68.0464, 72.3807, 66.2393



67.1375, 72.3807, 92.0937



72.5080, 72.3807, 70.5954

Square

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



67.1375, 72.3807, 92.0937



73.2897, 72.3807, 83.6955



70.4809, 72.3807, 66.8698



64.4892, 72.3807, 74.1190

Rectangle

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



67.1375, 72.3807, 92.0937



71.1170, 72.3807, 91.1722



70.4809, 72.3807, 66.8698



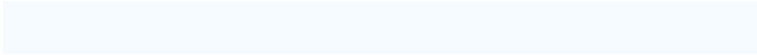
66.5254, 72.3807, 67.6195

Sweetspot

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



67.1396, 72.3837, 92.0953



90.0180, 95.3596, 108.2695



68.5010, 79.6642, 78.4983



19.0705, 20.2280, 23.1492



0.0000, 0.0000, 0.0000



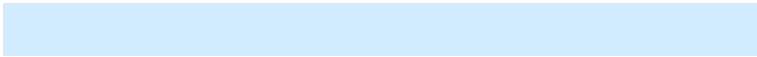
20.3446, 21.4041, 23.3091

Same Dimension

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



67.1396, 72.3837, 92.0953



74.1764, 80.3972, 106.2164



62.7758, 63.6561, 90.6407



15.6472, 16.7286, 20.1259



13.6543, 13.5329, 47.0203



1.2344, 1.3229, 3.9445

Inverse Universe

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



70.6457, 66.9199, 79.7179



79.1085, 72.9274, 88.7563



76.5164, 82.7505, 69.0678



16.1514, 15.9103, 18.3534



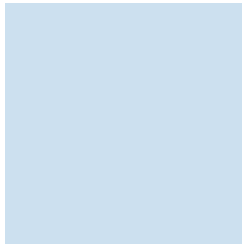
22.2177, 11.1595, 14.3288



1.8980, 0.9483, 1.4539

Previews

White Background



This preview shows how the XYZ color 67.1375, 72.3807, 92.0937 looks on a white background.

Color Contrast Check

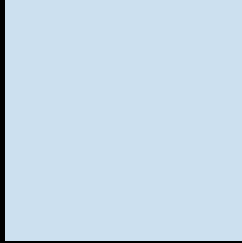
Large Text (above 18pt) WCAG AA × Fail

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 67.1375, 72.3807, 92.0937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

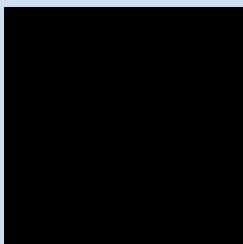
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

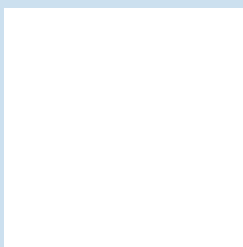
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.1375, 72.3807, 92.0937

Background



This preview shows how black text looks on a background with the XYZ color 67.1375, 72.3807, 92.0937.

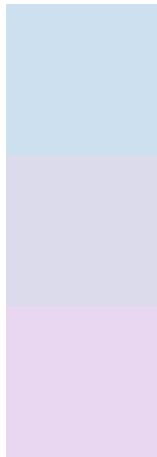


This preview shows how white text looks on a background with the XYZ color 67.1375, 72.3807,

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

67.1375, 72.3807, 92.0937

Protanopia

69.9870, 71.9348, 89.5530

Deuteranopia

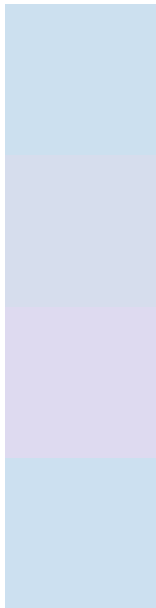
73.7819, 72.2754, 93.2809



Tritanopia

67.4347, 72.4996, 93.6587

Trichromacy



Original Color

67.1375, 72.3807, 92.0937

Protanomaly

68.8741, 72.1235, 90.4119

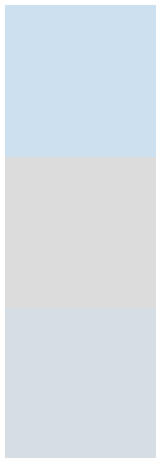
Deuteranomaly

70.9238, 71.9637, 92.5904

Tritanomaly

67.2857, 72.4399, 92.8740

Monochromacy



Original Color

67.1375, 72.3807, 92.0937

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.4531, 71.5551, 82.9294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1375, 72.3807, 92.0937 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(204, 224, 239)` looks like.

```
.text, #text, p{  
    color:rgb(204, 224, 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(204, 224, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 224, 239) }
```

Border

The CSS property to change the border of an element to XYZ 67.1375, 72.3807, 92.0937 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(204, 224, 239) }
```


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

```
.border{ border-color:rgb(204, 224, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 224, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 224, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 224, 239);  
box-shadow:4px 4px 4px 4px rgb(204, 224,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1375, 72.3807, 92.0937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 224, 239) }
```

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

```
.background{ background-color: rgb(204,  
224, 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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