

Converting Colors

XYZ(67.3923, 74.5688, 90.9625)

Have a look what the booklet for
XYZ(67.3923, 74.5688, 90.9625)
contains.

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Color

**XYZ(67.3928, 74.5706,
90.9623)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E5ED
RGB	201, 229, 237
RGB Percent	79%, 90%, 93%
CMY	0.2118, 0.1019, 0.0706
CMYK	0.15, 0.03, 0.00, 0.07
HSL	193°, 50%, 86%
HSV	193°, 15%, 93%
XYZ	67.3928, 74.5706, 90.9623
YIQ	221.5400, -19.2560, -3.4480

Conversions

Conversions Part 2

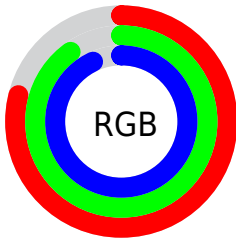
Format	Color
R _{YB}	201, 217, 237
Decimal	13231597
CIE Lab	89.19, -7.56, -7.00
CIE LCh	89, 10.299, 222.812
Yxy	74.5706, 0.2893, 0.3201
Android (android.graphics.Color)	4291421677 (0xFFC9E5ED)
YUV	221.5400, 7.6218, -18.0136
Hunter-Lab	86.3543, -11.8146, -2.0058

Details

The XYZ color **67.3928, 74.5706, 90.9623** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.2686, 67.8223, 64.7527**, and the grayscale version is **69.0664, 72.6632, 79.1303**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5092, 39.8113, 49.5289** is the 20% darker color. If you saturate the color by 10%, you get **60.0726, 68.6690, 90.2102**, and if you desaturate by 10%, it is **75.7445, 81.0735, 91.7785**.

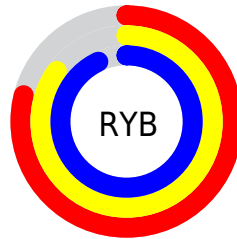
Distribution



Red (79%)

Green (90%)

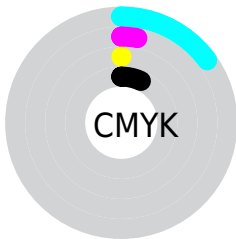
Blue (93%)



Red (79%)

Yellow (85%)

Blue (93%)

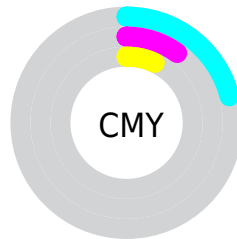


Cyan (15%)

Magenta (3%)

Yellow (0%)

Black (7%)



Cyan (21%)

Magenta (10%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.3928, 74.5706, 90.9623 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 67.3928, 74.5706, 90.9623 by changing the saturation by 10% instead.

67.3928, 74.5706,
90.9623

67.3928, 74.5706,
90.9623

440.7522,
476.4404, 551.8069

49.6758, 55.2612,
68.2008

114.5298,
125.7043, 150.6215

35.3726, 39.6109,
49.5934

144.6804,
158.2975, 188.3564

24.1179, 27.2353,
34.7215

179.7063,
196.0873, 231.9194

15.5463, 17.7500,
23.1666

219.9729,
239.4581, 281.7293

9.2925, 10.7707,
14.5101

265.8454,
288.7945, 338.2044

4.9911, 5.9128,
8.3335

317.6892,

2.2767, 2.7921,

344.4807, 401.7633

4.2183

375.8697,
406.9012, 472.8247

■ 0.7827, 1.0242,
1.7458

■ 0.0000, 0.0000,
0.3919

■ 67.3928, 74.5706,
90.9623

■ 67.3928, 74.5706,
90.9623

■ 60.0726, 68.6690,
90.2102

■ 75.7445, 81.0735,
91.7785

■ 53.7320, 63.3355,
89.5149

■ 85.1637, 88.1908,
92.6558

■ 48.3246, 58.5474,
88.8757

■ 89.1178, 92.5575,
93.2903

■ 43.7970, 54.2768,
88.2900

■ 90.7315, 95.7850,
93.8282

■ 40.0907, 50.4928,
87.7550

■ 92.2863, 98.8945,
94.3464

■ 37.1394, 47.1606,
87.2674

■ 34.8661, 44.2401,
86.8235

■ 33.1763, 41.6817,
86.4187

■ 32.5008, 40.5435,
86.2346

Harmonies

Analogous

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



66.2712, 74.5706, 84.3008



67.3928, 74.5706, 90.9623



69.4595, 74.5706, 95.1388

Triad

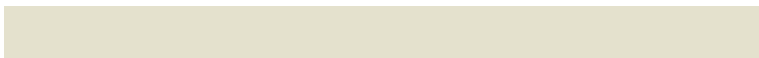
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.3928, 74.5706, 90.9623



75.5920, 74.5706, 85.3511



69.8115, 74.5706, 68.4401

Complementary

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



67.3928, 74.5706, 90.9623



68.2686, 67.8223, 64.7527

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.



72.3139, 74.5706, 68.6843



67.3928, 74.5706, 90.9623



75.6917, 74.5706, 78.1659

Square

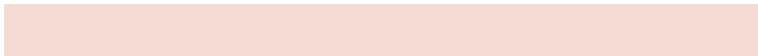
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.3928, 74.5706, 90.9623



74.2103, 74.5706, 91.7702



74.4795, 74.5706, 72.1526



67.6453, 74.5706, 71.4646

Rectangle

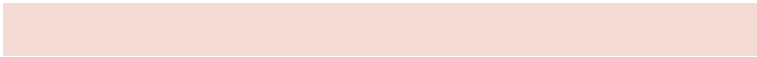
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.3928, 74.5706, 90.9623



71.1143, 74.5706, 95.8084



74.4795, 74.5706, 72.1526



70.6404, 74.5706, 68.1481

Sweetspot

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



67.3950, 74.5737, 90.9640



89.6170, 95.8678, 108.3888



65.8568, 77.5807, 71.6968



19.0238, 20.3985, 23.1846



0.0000, 0.0000, 0.0000



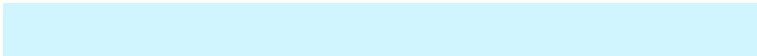
20.3446, 21.4041, 23.3091

Same Dimension

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



67.3950, 74.5737, 90.9640



76.9660, 85.9763, 107.1463



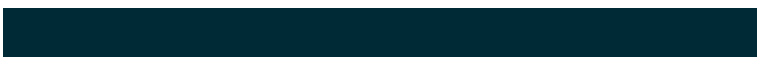
62.7188, 65.2214, 89.4053



15.2174, 16.5212, 19.3091



17.8459, 22.3388, 47.1142



1.4711, 1.8937, 3.7229

Inverse Universe

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



69.9563, 65.4366, 83.0758



80.5165, 73.4906, 96.1709



72.8833, 77.0517, 66.2909



15.5633, 15.2532, 18.2515



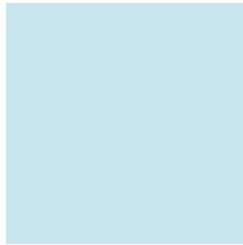
23.8631, 11.7479, 26.1440



1.9090, 0.9366, 2.2384

Previews

White Background



This preview shows how the XYZ color 67.3928, 74.5706, 90.9623 looks on a white background.

Color Contrast Check

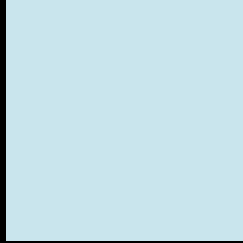
Large Text (above 18pt) WCAG AA × Fail

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 67.3928, 74.5706, 90.9623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

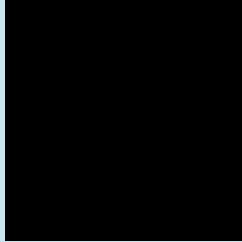
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.3928, 74.5706, 90.9623

Background



This preview shows how black text looks on a background with the XYZ color 67.3928, 74.5706, 90.9623.



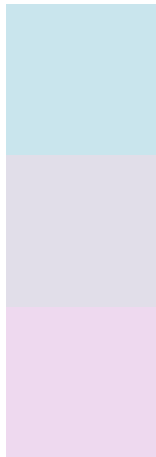
This preview shows how white text looks on a background with the XYZ color 67.3928, 74.5706,

90.9623.

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

67.3928, 74.5706, 90.9623

Protanopia

71.8806, 74.1333, 87.6114

Deuteranopia

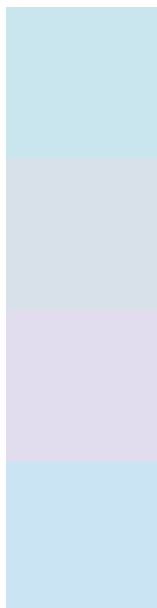
75.6527, 74.0348, 91.9642



Tritanopia

69.0066, 74.8371, 97.9968

Trichromacy



Original Color

67.3928, 74.5706, 90.9623

Protanomaly

70.0954, 74.3899, 88.5062

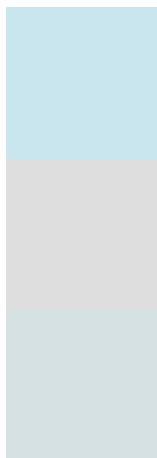
Deuteranomaly

72.3404, 73.8935, 91.3390

Tritanomaly

68.2782, 74.5144, 95.5781

Monochromacy



Original Color

67.3928, 74.5706, 90.9623

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

68.5219, 73.6926, 83.2857

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.3928, 74.5706, 90.9623 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(201, 229, 237)` looks like.

```
.text, #text, p{  
    color:rgb(201, 229, 237)  
}
```

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(201, 229, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 229, 237) }
```

Border

The CSS property to change the border of an element to XYZ 67.3928, 74.5706, 90.9623 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(201, 229, 237) }
```


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

```
.border{ border-color:rgb(201, 229, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 229, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 229, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 229, 237);  
box-shadow:4px 4px 4px 4px rgb(201, 229,  
237) }
```

Background

The CSS property to change the background color of an element to XYZ 67.3928, 74.5706, 90.9623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 229, 237) }
```

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

```
.background{ background-color: rgb(201,  
229, 237) }
```

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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