

Converting Colors

XYZ(67.8193, 73.0870, 92.9284)

Have a look what the booklet for
XYZ(67.8193, 73.0870, 92.9284)
contains.

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Color

**XYZ(67.8302, 73.1208,
92.9768)**

Conversions

Conversions Part 1

Format	Color
Hex	CDE1F0
RGB	205, 225, 240
RGB Percent	80%, 88%, 94%
CMY	0.1961, 0.1176, 0.0588
CMYK	0.15, 0.06, 0.00, 0.06
HSL	206°, 54%, 87%
HSV	206°, 15%, 94%
XYZ	67.8302, 73.1208, 92.9768
YIQ	220.7300, -16.7350, 0.4250

Conversions

Conversions Part 2

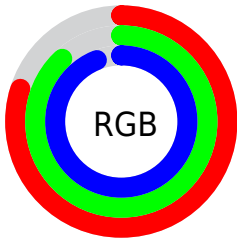
Format	Color
R _Y B	205, 218, 240
Decimal	13492720
CIE Lab	88.51, -3.63, -9.56
CIE LCh	89, 10.230, 249.187
Yxy	73.1208, 0.2900, 0.3126
Android (android.graphics.Color)	4291682800 (0xFFCDE1F0)
YUV	220.7300, 9.5001, -13.7952
Hunter-Lab	85.5107, -8.0510, -4.6092

Details

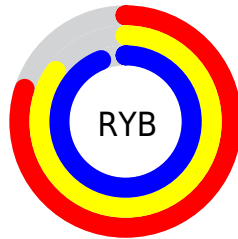
The XYZ color **67.8302, 73.1208, 92.9768** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.5483, 74.1192, 68.2417**, and the grayscale version is **68.4836, 72.0501, 78.4625**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.6041, 38.6942, 50.9396** is the 20% darker color. If you saturate the color by 10%, you get **59.0144, 64.5743, 91.7930**, and if you desaturate by 10%, it is **77.8333, 82.5318, 94.2672**.

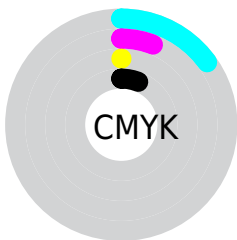
Distribution



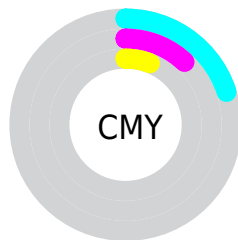
- Red (80%)
- Green (88%)
- Blue (94%)



- 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 67.8302, 73.1208, 92.9768 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 67.8302, 73.1208, 92.9768 by changing the saturation by 10% instead.

■ 67.8302, 73.1208,
92.9768

■ 67.8302, 73.1208,
92.9768

442.2803,
471.4334, 558.4855

■ 50.0328, 54.0747,
69.8647

115.1524,
123.6487, 153.4379

■ 35.6573, 38.6614,
50.9401

145.4080,
155.8993, 191.6240

■ 24.3386, 26.4964,
35.7845

180.5469,
193.3202, 235.6718

■ 15.7110, 17.1954,
23.9795

220.9346,
236.2959, 285.9998

■ 9.4095, 10.3739,
15.1063

266.9365,
285.2106, 343.0267

■ 5.0684, 5.6476,
8.7466

318.9178,

■ 2.3227, 2.6320,

340.4488, 407.1709

4.4817

377.2440,
402.3950, 478.8510

■ 0.8062, 0.9428,
1.8932

■ 0.0000, 0.0000,
0.4884

■ 67.8302, 73.1208,
92.9768

■ 67.8302, 73.1208,
92.9768

■ 59.0144, 64.5743,
91.7930

■ 77.8333, 82.5318,
94.2672

■ 51.3304, 56.8536,
90.7077

■ 89.0631, 92.8261,
95.6624

■ 44.7275, 49.9300,
89.7193

■ 92.7284, 99.0714,
96.6746

■ 39.1487, 43.7696,
88.8243

■ 34.5311, 38.3352,
88.0187

■ 30.8039, 33.5854,
87.2984

■ 27.8857, 29.4733,
86.6585

■ 25.6771, 25.9424,
86.0933

■ 24.6974, 24.2294,
85.8143

Harmonies

Analogous

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



65.8932, 73.1208, 88.4957



67.8302, 73.1208, 92.9768



70.2579, 73.1208, 93.7675

Triad

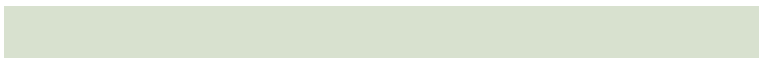
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.8302, 73.1208, 92.9768



74.2791, 73.1208, 77.4706



66.5500, 73.1208, 69.5610

Complementary

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



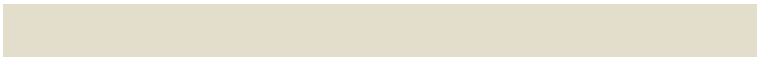
67.8302, 73.1208, 92.9768



72.5483, 74.1192, 68.2417

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.



68.7459, 73.1208, 66.9654



67.8302, 73.1208, 92.9768



73.2342, 73.1208, 71.3513

Square

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



67.8302, 73.1208, 92.9768



74.0199, 73.1208, 84.5324



71.1952, 73.1208, 67.6009



65.1663, 73.1208, 74.8942

Rectangle

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



67.8302, 73.1208, 92.9768



71.8339, 73.1208, 92.0518



71.1952, 73.1208, 67.6009



67.2155, 73.1208, 68.3541

Sweetspot

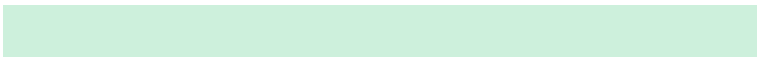
The Sweet Spot groups the original color and five complimentary colors.



67.8324, 73.1238, 92.9784



90.0180, 95.3596, 108.2695



69.2014, 80.4459, 79.3028



19.0705, 20.2280, 23.1492



0.0000, 0.0000, 0.0000



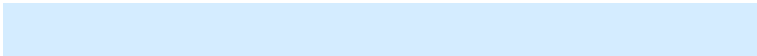
20.3446, 21.4041, 23.3091

Same Dimension

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



67.8324, 73.1238, 92.9784



75.2186, 81.4011, 106.3553



63.4419, 64.3430, 91.5150



15.6472, 16.7286, 20.1258



13.6543, 13.5328, 47.0203



1.2344, 1.3229, 3.9445

Inverse Universe

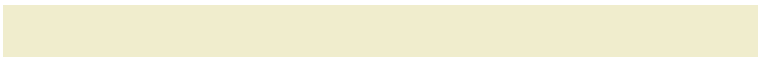
The Inverse Universe completely reimagines the original color for something new.



71.3588, 67.6257, 80.5297



79.8983, 74.2530, 89.8023



77.2642, 83.5510, 69.8137



16.1514, 15.9103, 18.3534



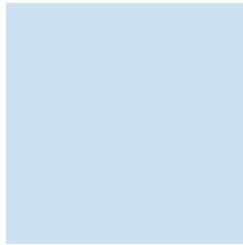
22.2177, 11.1595, 14.3287



1.8980, 0.9483, 1.4539

Previews

White Background



This preview shows how the XYZ color 67.8302, 73.1208, 92.9768 looks on a white background.

Color Contrast Check

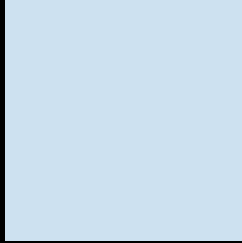
Large Text (above 18pt) WCAG AA × Fail

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 67.8302, 73.1208, 92.9768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

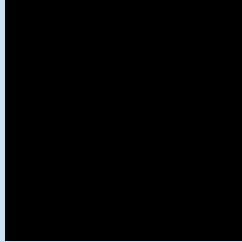
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

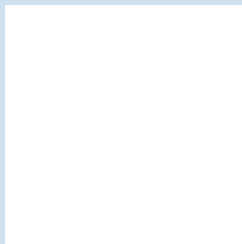
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.8302, 73.1208, 92.9768

Background



This preview shows how black text looks on a background with the XYZ color 67.8302, 73.1208, 92.9768.



This preview shows how white text looks on a background with the XYZ color 67.8302, 73.1208,

92.9768.

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

67.8302, 73.1208, 92.9768

Protanopia

70.6981, 72.6730, 90.4219

Deuteranopia

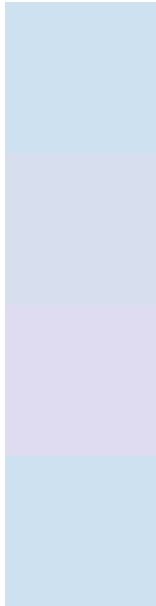
74.5146, 73.0150, 94.1704



Tritanopia

68.1291, 73.2404, 94.5504

Trichromacy



Original Color

67.8302, 73.1208, 92.9768

Protanomaly

69.5782, 72.8627, 91.2857

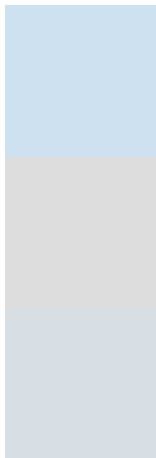
Deuteranomaly

71.6401, 72.7019, 93.4761

Tritanomaly

67.9792, 73.1804, 93.7614

Monochromacy



Original Color

67.8302, 73.1208, 92.9768

Achromatopsia

68.7264, 72.3055, 78.7407

Achromatomaly

68.1492, 72.2911, 83.7605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.8302, 73.1208, 92.9768 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(205, 225, 240)` looks like.

```
.text, #text, p{  
    color:rgb(205, 225, 240)  
}
```

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(205, 225, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 225, 240) }
```

Border

The CSS property to change the border of an element to XYZ 67.8302, 73.1208, 92.9768 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(205, 225, 240) }
```


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

```
.border{ border-color:rgb(205, 225, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 225, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 225, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 225, 240);  
box-shadow:4px 4px 4px 4px rgb(205, 225,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 67.8302, 73.1208, 92.9768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 225, 240) }
```

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

```
.background{ background-color: rgb(205,  
225, 240) }
```

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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