

Converting Colors

XYZ(66.0392, 72.8714, 87.4910)

Have a look what the booklet for
XYZ(66.0392, 72.8714, 87.4910)
contains.

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Color

**XYZ(65.9917, 72.6934,
87.6439)**

Conversions

Conversions Part 1

Format	Color
Hex	C9E2E9
RGB	201, 226, 233
RGB Percent	79%, 89%, 91%
CMY	0.2118, 0.1137, 0.0863
CMYK	0.14, 0.03, 0.00, 0.09
HSL	193°, 42%, 85%
HSV	193°, 14%, 91%
XYZ	65.9917, 72.6934, 87.6439
YIQ	219.3230, -17.1470, -3.1230

Conversions

Conversions Part 2

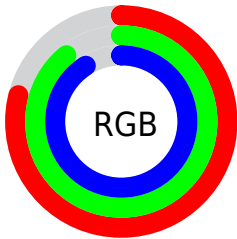
Format	Color
R _Y B	201, 215, 233
Decimal	13230825
CIE Lab	88.30, -6.83, -6.21
CIE LCh	88, 9.234, 222.302
Yxy	72.6934, 0.2916, 0.3212
Android (android.graphics.Color)	4291420905 (0xFFC9E2E9)
YUV	219.3230, 6.7428, -16.0693
Hunter-Lab	85.2604, -11.0465, -1.2652

Details

The XYZ color **65.9917, 72.6934, 87.6439** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.7032, 66.6522, 64.6091**, and the grayscale version is **67.5210, 71.0374, 77.3597**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.5313, 38.5032, 47.2068** is the 20% darker color. If you saturate the color by 10%, you get **58.8327, 66.9786, 86.9193**, and if you desaturate by 10%, it is **74.1462, 78.9864, 88.4299**.

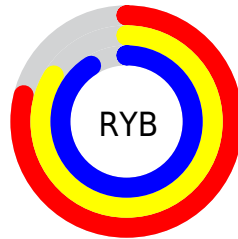
Distribution



Red (79%)

Green (89%)

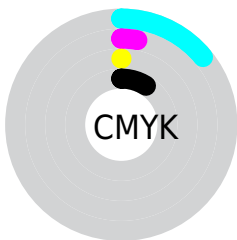
Blue (91%)



Red (79%)

Yellow (84%)

Blue (91%)

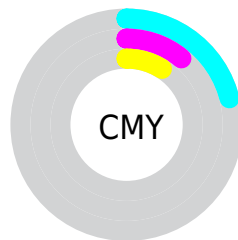


Cyan (14%)

Magenta (3%)

Yellow (0%)

Black (9%)



Cyan (21%)

Magenta (11%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9917, 72.6934, 87.6439 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 65.9917, 72.6934, 87.6439 by changing the saturation by 10% instead.

■ 65.9917, 72.6934,
87.6439

■ 65.9917, 72.6934,
87.6439

435.8363,
469.9515, 540.7074

■ 48.5333, 53.7253,
65.4655

112.5322,
123.0419, 145.9681

■ 34.4625, 38.3821,
47.3849

142.3451,
155.1910, 182.9509

■ 23.4137, 26.2794,
32.9835

177.0068,
192.5026, 225.7057

■ 15.0216, 17.0328,
21.8428

216.8828,
235.3611, 274.6510

■ 8.9210, 10.2578,
13.5442

262.3384,
284.1508, 330.2053

■ 4.7464, 5.5703,
7.6693

313.7390,

■ 2.1324, 2.5856,

339.2562, 392.7871

3.7993

371.4498,
401.0616, 462.8149

■ 0.7068, 0.9194,
1.5159

■ 0.0000, 0.0000,
0.2297

■ 65.9917, 72.6934,
87.6439

■ 65.9917, 72.6934,
87.6439

■ 58.8327, 66.9786,
86.9193

■ 74.1462, 78.9864,
88.4299

■ 52.6199, 61.8101,
86.2491

■ 83.3301, 85.8698,
89.2745

■ 47.3091, 57.1668,
85.6328

■ 87.4890, 90.2249,
89.8959

■ 42.8499, 53.0220,
85.0678

■ 89.0206, 93.2882,
90.4065

■ 39.1871, 49.3467,
84.5514

■ 90.5948, 96.4365,
90.9312

■ 36.2583, 46.1083,
84.0807

■ 91.7082, 98.6633,
91.3023

■ 33.9917, 43.2691,
83.6522

■ 32.2997, 40.7834,
83.2616

■ 31.4476, 39.3620,
83.0321

Harmonies

Analogous

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



65.0162, 72.6934, 81.7772



65.9917, 72.6934, 87.6439



67.8067, 72.6934, 91.3440

Triad

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



65.9917, 72.6934, 87.6439



73.2287, 72.6934, 82.9155



68.1898, 72.6934, 67.8256

Complementary

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



65.9917, 72.6934, 87.6439



66.7032, 66.6522, 64.6091

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.



70.3952, 72.6934, 68.0939



65.9917, 72.6934, 87.6439



73.3366, 72.6934, 76.5812

Square

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



65.9917, 72.6934, 87.6439



71.9981, 72.6934, 88.5155



72.2898, 72.6934, 71.2248



66.2669, 72.6934, 70.4710

Rectangle

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



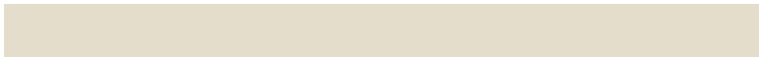
65.9917, 72.6934, 87.6439



69.2641, 72.6934, 91.9695



72.2898, 72.6934, 71.2248



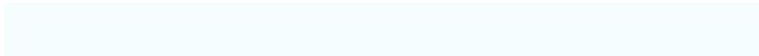
68.9220, 72.6934, 67.5821

Sweetspot

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



65.9938, 72.6964, 87.6455



90.6891, 96.7018, 108.4932



64.6045, 75.2474, 70.7519



19.2406, 20.5682, 23.2059



0.0000, 0.0000, 0.0000



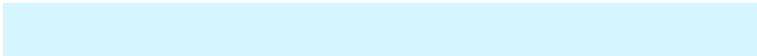
20.3446, 21.4041, 23.3091

Same Dimension

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



65.9938, 72.6964, 87.6455



78.8198, 87.5059, 107.3438



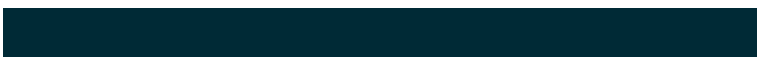
61.8597, 64.4281, 86.2675



15.2220, 16.5305, 19.3107



17.9390, 22.5250, 47.1452



1.4777, 1.9068, 3.7250

Inverse Universe

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



68.2200, 64.5894, 80.8264



81.9839, 76.1131, 97.6227



70.7858, 74.8174, 65.9700



15.5656, 15.2541, 18.2638



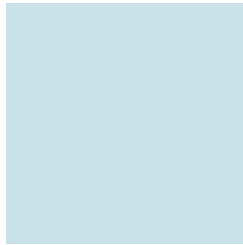
23.9101, 11.7667, 26.3915



1.9124, 0.9379, 2.2559

Previews

White Background



This preview shows how the XYZ color 65.9917, 72.6934, 87.6439 looks on a white background.

Color Contrast Check

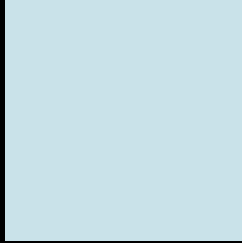
Large Text (above 18pt) WCAG AA × Fail

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 65.9917, 72.6934, 87.6439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

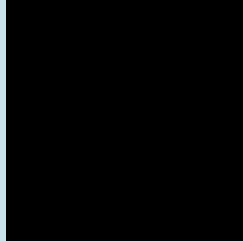
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.9917, 72.6934, 87.6439

Background



This preview shows how black text looks on a background with the XYZ color 65.9917, 72.6934, 87.6439.

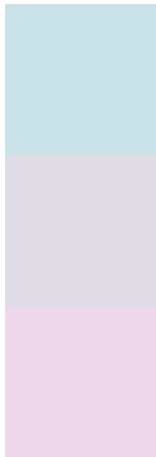


This preview shows how white text looks on a background with the XYZ color 65.9917, 72.6934,

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

65.9917, 72.6934, 87.6439

Protanopia

70.1675, 72.5315, 84.4305

Deuteranopia

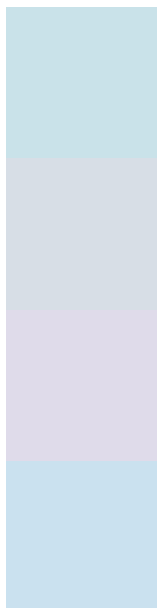
73.8879, 72.4319, 88.6837



Tritanopia

67.5808, 72.9577, 94.5248

Trichromacy



Original Color

65.9917, 72.6934, 87.6439

Protanomaly

68.4285, 72.4028, 85.2315

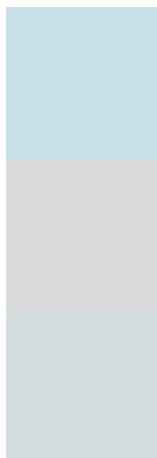
Deuteranomaly

70.6142, 72.2915, 88.0738

Tritanomaly

66.8623, 72.6390, 92.1581

Monochromacy



Original Color

65.9917, 72.6934, 87.6439

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.7272, 71.6214, 80.8284

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9917, 72.6934, 87.6439 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, 226, 233)` looks like.

```
.text, #text, p{  
    color:rgb(201, 226, 233)  
}
```

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, 226, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 226, 233) }
```

Border

The CSS property to change the border of an element to XYZ 65.9917, 72.6934, 87.6439 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, 226, 233) }
```


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

```
.border{ border-color:rgb(201, 226, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 226, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 226, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 226, 233);  
box-shadow:4px 4px 4px 4px rgb(201, 226,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9917, 72.6934, 87.6439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 226, 233) }
```

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

```
.background{ background-color: rgb(201,  
226, 233) }
```

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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