

Converting Colors

XYZ(67.7209, 71.6286, 85.8579)

Have a look what the booklet for
XYZ(67.7209, 71.6286, 85.8579)
contains.

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Color

**XYZ(67.7208, 71.6286,
85.8577)**

Conversions

Conversions Part 1

Format	Color
Hex	D5DDE7
RGB	213, 221, 231
RGB Percent	84%, 87%, 91%
CMY	0.1647, 0.1333, 0.0941
CMYK	0.08, 0.04, 0.00, 0.09
HSL	213°, 27%, 87%
HSV	213°, 8%, 91%
XYZ	67.7208, 71.6286, 85.8577
YIQ	219.7480, -7.9780, 1.4140

Conversions

Conversions Part 2

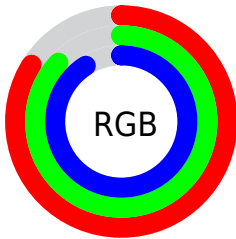
Format	Color
R _Y B	213, 219, 231
Decimal	14015975
CIE Lab	87.79, -0.79, -5.82
CIE LCh	88, 5.878, 262.276
Yxy	71.6286, 0.3007, 0.3181
Android (android.graphics.Color)	4292206055 (0xFFD5DDE7)
YUV	219.7480, 5.5472, -5.9180
Hunter-Lab	84.6337, -5.2797, -0.9039

Details

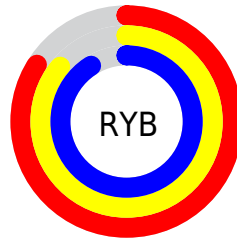
The XYZ color **67.7208, 71.6286, 85.8577** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.3530, 74.5676, 73.5842**, and the grayscale version is **67.8201, 71.3521, 77.7024**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4746, 37.6367, 45.9523** is the 20% darker color. If you saturate the color by 10%, you get **58.2335, 61.9019, 84.4814**, and if you desaturate by 10%, it is **78.4255, 82.3710, 87.3681**.

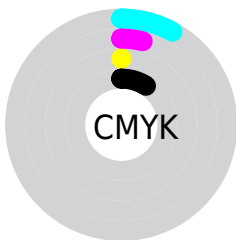
Distribution



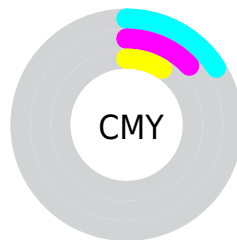
- Red (84%)
- Green (87%)
- Blue (91%)



- Red (84%)
- Yellow (86%)
- Blue (91%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (9%)



- Cyan (16%)
- Magenta (13%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.7208, 71.6286, 85.8577 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 67.7208, 71.6286, 85.8577 by changing the saturation by 10% instead.

■ 67.7208, 71.6286,
85.8577

■ 67.7208, 71.6286,
85.8577

441.8984,
466.2479, 534.6803

■ 49.9435, 52.8553,
63.9961

114.9967,
121.5284, 143.4557

■ 35.5861, 37.6873,
46.2013

145.2261,
153.4236, 180.0291

■ 24.2833, 25.7401,
32.0549

180.3368,
190.4617, 222.3436

■ 15.6698, 16.6293,
21.1383

220.6942,
233.0270, 270.8176

■ 9.3802, 9.9705,
13.0329

266.6637,
281.5038, 325.8698

■ 5.0491, 5.3794,
7.3202

318.6107,

■ 2.3111, 2.4716,

336.2767, 387.9186

3.5817

376.9005,
397.7299, 457.3826

■ 0.8003, 0.8623,
1.3988

■ 0.0000, 0.0000,
0.1408

■ 67.7208, 71.6286,
85.8577

■ 67.7208, 71.6286,
85.8577

■ 58.2335, 61.9019,
84.4814

■ 78.4255, 82.3710,
87.3681

■ 49.9115, 53.1497,
83.2307

■ 88.8217, 93.3450,
88.9384

■ 42.7079, 45.3409,
82.1031

■ 91.4240, 98.5496,
89.8058

■ 36.5701, 38.4392,
81.0944

■ 31.4409, 32.4057,
80.2002

■ 27.2572, 27.1978,
79.4155

■ 23.9482, 22.7687,
78.7350

■ 21.4311, 19.0647,
78.1527

■ 19.5953, 16.0173,
77.6612

Harmonies

Analogous

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



66.4520, 71.6286, 84.2296



67.7208, 71.6286, 85.8577



69.1032, 71.6286, 85.3216

Triad

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



67.7208, 71.6286, 85.8577



70.5944, 71.6286, 75.1142



65.9802, 71.6286, 73.3828

Complementary

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



67.7208, 71.6286, 85.8577



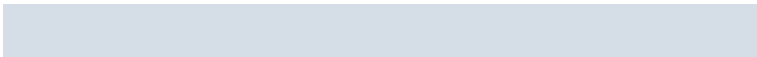
71.3530, 74.5676, 73.5842

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.



67.0686, 71.6286, 71.0934



67.7208, 71.6286, 85.8577



69.7360, 71.6286, 72.0690

Square

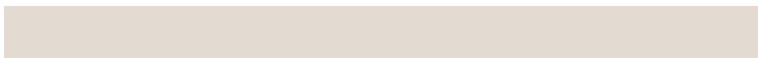
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.7208, 71.6286, 85.8577



70.7748, 71.6286, 79.0289



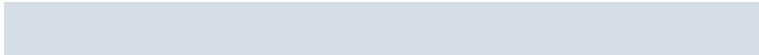
68.4421, 71.6286, 70.6208



65.4561, 71.6286, 76.9630

Rectangle

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



67.7208, 71.6286, 85.8577



69.9021, 71.6286, 83.8173



68.4421, 71.6286, 70.6208



66.2915, 71.6286, 72.4419

Sweetspot

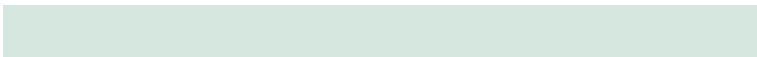
The Sweet Spot groups the original color and five complimentary colors.



67.7229, 71.6316, 85.8593



92.3016, 97.2517, 108.5144



69.3234, 76.6214, 80.8781



19.7852, 20.8448, 23.2306



0.0000, 0.0000, 0.0000



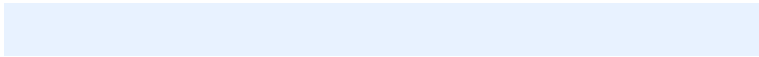
20.3446, 21.4041, 23.3091

Same Dimension

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



67.7229, 71.6316, 85.8593



83.1729, 88.0401, 107.2175



65.9215, 67.6403, 85.1838



14.1077, 14.9368, 18.2839



10.9089, 8.8799, 43.5222



0.8976, 0.8391, 3.2466

Inverse Universe

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



69.8020, 69.7992, 78.2039



86.1760, 85.4275, 96.1522



73.2525, 78.7966, 74.3003



14.6419, 14.4740, 16.3149



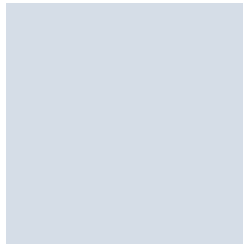
19.8998, 10.0941, 8.3673



1.5167, 0.7644, 0.8613

Previews

White Background



This preview shows how the XYZ color 67.7208, 71.6286, 85.8577 looks on a white background.

Color Contrast Check

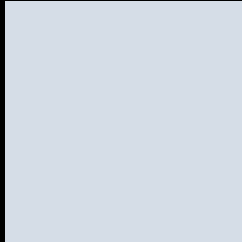
Large Text (above 18pt) WCAG AA × Fail

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 67.7208, 71.6286, 85.8577 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

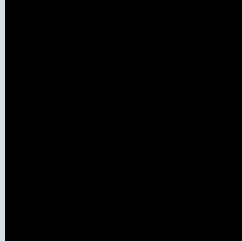
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

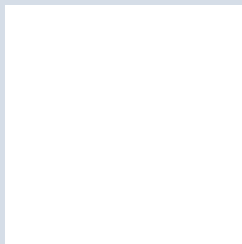
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.7208, 71.6286, 85.8577

Background



This preview shows how black text looks on a background with the XYZ color 67.7208, 71.6286, 85.8577.

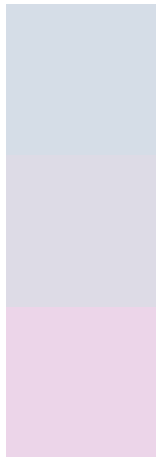


This preview shows how white text looks on a background with the XYZ color 67.7208, 71.6286,

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

67.7208, 71.6286, 85.8577

Protanopia

69.4332, 71.7484, 85.0522

Deuteranopia

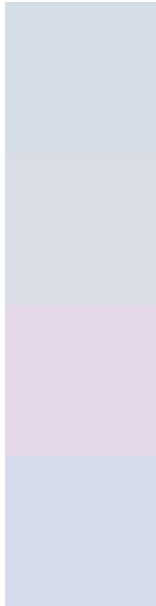
73.0943, 71.3046, 87.0015



Tritanopia

68.6108, 71.5970, 90.3242

Trichromacy



Original Color

67.7208, 71.6286, 85.8577

Protanomaly

68.7896, 71.8050, 85.0971

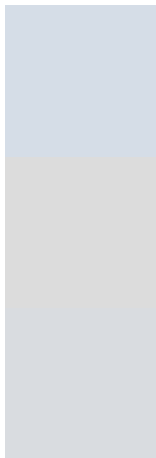
Deuteranomaly

71.1163, 71.4319, 86.3834

Tritanomaly

68.3202, 71.4807, 88.7936

Monochromacy



Original Color

67.7208, 71.6286, 85.8577

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

67.6630, 71.3199, 80.7209

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7208, 71.6286, 85.8577 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(213, 221, 231) looks like.

```
.text, #text, p{  
    color:rgb(213, 221, 231)  
}
```

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(213, 221, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 221, 231) }
```

Border

The CSS property to change the border of an element to XYZ 67.7208, 71.6286, 85.8577 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(213, 221, 231) }
```


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

```
.border{ border-color:rgb(213, 221, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 221, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 221, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 221, 231);  
box-shadow:4px 4px 4px 4px rgb(213, 221,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7208, 71.6286, 85.8577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 221, 231) }
```

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

```
.background{ background-color: rgb(213,  
221, 231) }
```

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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