

Converting Colors

XYZ(67.3489, 71.2690, 83.1637)

Have a look what the booklet for
XYZ(67.3489, 71.2690, 83.1637)
contains.

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Color

**XYZ(67.1899, 71.0286,
82.8416)**

Conversions

Conversions Part 1

Format	Color
Hex	D6DCE3
RGB	214, 220, 227
RGB Percent	84%, 86%, 89%
CMY	0.1608, 0.1372, 0.1098
CMYK	0.06, 0.03, 0.00, 0.11
HSL	212°, 19%, 86%
HSV	212°, 6%, 89%
XYZ	67.1899, 71.0286, 82.8416
YIQ	219.0040, -5.8230, 0.9050

Conversions

Conversions Part 2

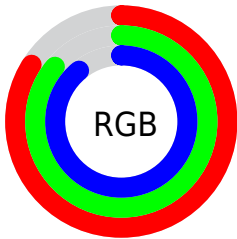
Format	Color
R_{YB}	214, 218, 227
Decimal	14081251
CIE _{Lab}	87.50, -0.71, -4.14
CIE _{LCh}	87, 4.196, 260.295
Yxy	71.0286, 0.3039, 0.3213
Android (android.graphics.Color)	4292271331 (0xFFD6DCE3)
YUV	219.0040, 3.9420, -4.3885
Hunter-Lab	84.2785, -5.1805, 0.7158

Details

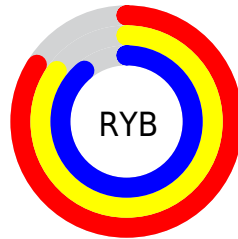
The XYZ color **67.1899, 71.0286, 82.8416** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6728, 72.8982, 74.0182**, and the grayscale version is **67.3129, 70.8184, 77.1212**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1996, 37.2598, 44.3664** is the 20% darker color. If you saturate the color by 10%, you get **57.9313, 61.6701, 81.5243**, and if you desaturate by 10%, it is **77.6102, 81.3378, 84.2834**.

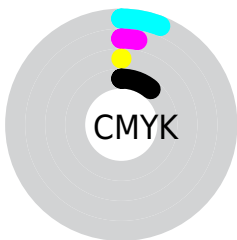
Distribution



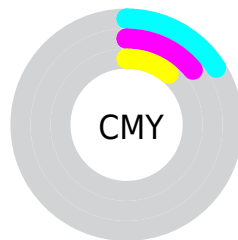
- Red (84%)
- Green (86%)
- Blue (89%)



- Red (84%)
- Yellow (85%)
- Blue (89%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (11%)



- Cyan (16%)
- Magenta (14%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.1899, 71.0286, 82.8416 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 67.1899, 71.0286, 82.8416 by changing the saturation by 10% instead.

■ 67.1899, 71.0286,
82.8416

■ 67.1899, 71.0286,
82.8416

440.0423,
464.1534, 524.4156

■ 49.5102, 52.3655,
61.5196

114.2408,
120.6744, 139.2008

■ 35.2406, 37.2965,
44.2114

144.3427,
152.4260, 175.0752

■ 24.0157, 25.4372,
30.4983

179.3161,
189.3092, 216.6374

■ 15.4700, 16.4031,
19.9619

219.5263,
231.7084, 264.3061

■ 9.2384, 9.8098,
12.1835

265.3386,
280.0081, 318.4997

■ 4.9553, 5.2730,
6.7447

317.1185,

■ 2.2556, 2.4083,

334.5925, 379.6368

3.2270

375.2313,
395.8462, 448.1359

■ 0.7718, 0.8302,
1.2117

■ 0.0000, 0.0000,
0.0000

■ 67.1899, 71.0286,
82.8416

■ 67.1899, 71.0286,
82.8416

■ 57.9313, 61.6701,
81.5243

■ 77.6102, 81.3378,
84.2834

■ 49.7854, 53.2236,
80.3233

■ 87.5884, 91.7722,
85.7715

■ 42.7084, 45.6611,
79.2366

■ 90.8653, 98.3261,
86.8638

■ 36.6512, 38.9494,
78.2603

■ 31.5607, 33.0527,
77.3905

■ 27.3784, 27.9324,
76.6226

■ 24.0387, 23.5458,
75.9519

■ 21.4660, 19.8446,
75.3731

■ 19.5682, 16.7715,
74.8800

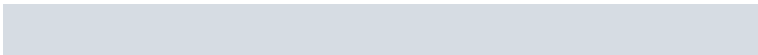
Harmonies

Analogous

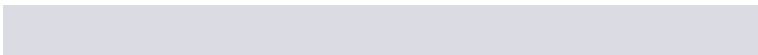
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.3008, 71.0286, 81.6120



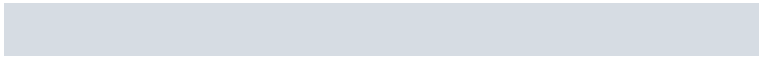
67.1899, 71.0286, 82.8416



68.1735, 71.0286, 82.5691

Triad

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



67.1899, 71.0286, 82.8416



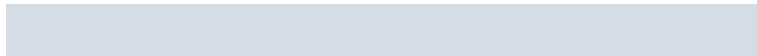
69.3132, 71.0286, 75.4611



66.0555, 71.0286, 73.9047

Complementary

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



67.1899, 71.0286, 82.8416



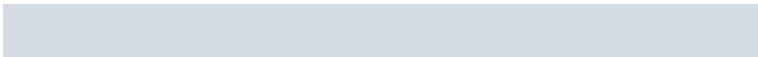
69.6728, 72.8982, 74.0182

Split Complementary

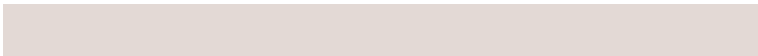
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



66.8519, 71.0286, 72.3328



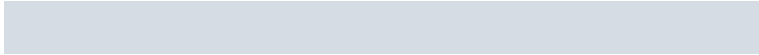
67.1899, 71.0286, 82.8416



68.7349, 71.0286, 73.2160

Square

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



67.1899, 71.0286, 82.8416



69.4058, 71.0286, 78.2615



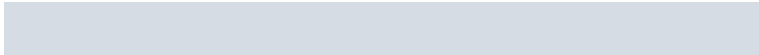
67.8322, 71.0286, 72.0839



65.6501, 71.0286, 76.4219

Rectangle

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



67.1899, 71.0286, 82.8416



68.7501, 71.0286, 81.5746



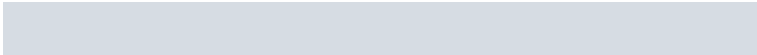
67.8322, 71.0286, 72.0839



66.2860, 71.0286, 73.2508

Sweetspot

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



67.1919, 71.0316, 82.8432



92.3291, 97.3067, 108.5236



68.2440, 74.4524, 79.1351



19.7908, 20.8560, 23.2325



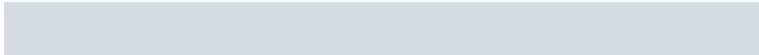
0.0000, 0.0000, 0.0000



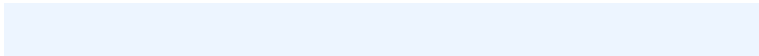
20.3446, 21.4041, 23.3091

Same Dimension

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



67.1919, 71.0316, 82.8432



85.7966, 90.7933, 107.6106



65.7711, 68.0019, 82.3333



14.5284, 15.3807, 18.3474



11.1362, 9.3344, 43.5980



0.9150, 0.8740, 3.2524

Inverse Universe

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



68.6450, 69.5928, 77.5284



88.1092, 88.5319, 99.1458



71.1498, 76.0548, 74.5496



14.9513, 14.9692, 16.7988



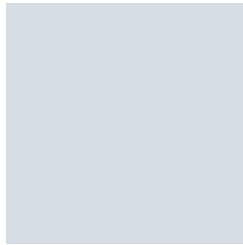
20.0145, 10.1400, 8.9714



1.5255, 0.7679, 0.9077

Previews

White Background



This preview shows how the XYZ color 67.1899, 71.0286, 82.8416 looks on a white background.

Color Contrast Check

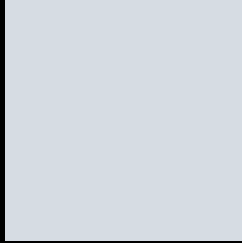
Large Text (above 18pt) WCAG AA × Fail

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 67.1899, 71.0286, 82.8416 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

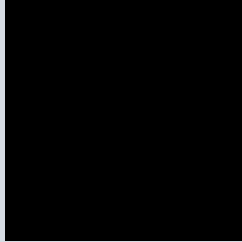
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

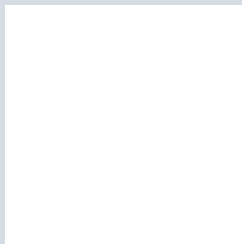
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.1899, 71.0286, 82.8416

Background



This preview shows how black text looks on a background with the XYZ color 67.1899, 71.0286, 82.8416.

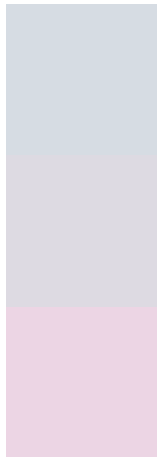


This preview shows how white text looks on a background with the XYZ color 67.1899, 71.0286, 82.8416.

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

67.1899, 71.0286, 82.8416

Protanopia

68.6177, 71.0059, 82.0405

Deuteranopia

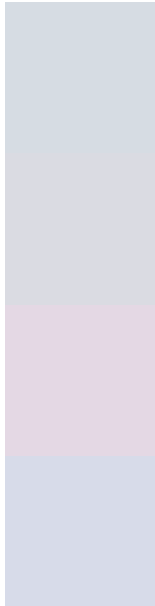
72.3899, 71.0228, 83.2922



Tritanopia

68.4962, 71.1662, 89.4832

Trichromacy



Original Color

67.1899, 71.0286, 82.8416

Protanomaly

67.9724, 71.0594, 82.0848

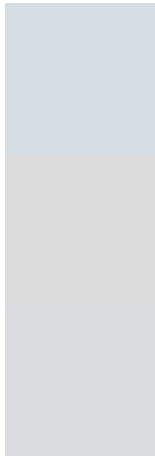
Deuteranomaly

70.5544, 71.2072, 83.4245

Tritanomaly

68.0638, 70.9933, 87.2065

Monochromacy



Original Color

67.1899, 71.0286, 82.8416

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

67.1316, 70.6887, 79.2133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.1899, 71.0286, 82.8416 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(214, 220, 227) looks like.

```
.text, #text, p{  
    color:rgb(214, 220, 227)  
}
```

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(214, 220, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 220, 227) }
```

Border

The CSS property to change the border of an element to XYZ 67.1899, 71.0286, 82.8416 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(214, 220, 227) }
```


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

```
.border{ border-color:rgb(214, 220, 227) }
```

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

Here you see how a box with a 4 pixel rgb(214, 220, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 220, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 220, 227);  
box-shadow:4px 4px 4px 4px rgb(214, 220,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 67.1899, 71.0286, 82.8416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 220, 227) }
```

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

```
.background{ background-color: rgb(214,  
220, 227) }
```

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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