

Converting Colors

XYZ(68.5128, 72.1152, 84.5209)

Have a look what the booklet for
XYZ(68.5128, 72.1152, 84.5209)
contains.

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Color

**XYZ(68.3182, 71.9690,
84.4194)**

Conversions

Conversions Part 1

Format	Color
Hex	D8DDE5
RGB	216, 221, 229
RGB Percent	85%, 87%, 90%
CMY	0.1529, 0.1333, 0.1020
CMYK	0.06, 0.03, 0.00, 0.10
HSL	217°, 20%, 87%
HSV	217°, 6%, 90%
XYZ	68.3182, 71.9690, 84.4194
YIQ	220.4170, -5.5480, 1.4280

Conversions

Conversions Part 2

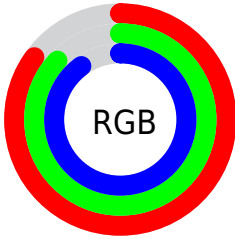
Format	Color
R _Y B	216, 220, 229
Decimal	14212581
CIE Lab	87.95, -0.19, -4.50
CIE LCh	88, 4.508, 267.607
Yxy	71.9690, 0.3040, 0.3203
Android (android.graphics.Color)	4292402661 (0xFFD8DDE5)
YUV	220.4170, 4.2314, -3.8737
Hunter-Lab	84.8345, -4.7124, 0.3843

Details

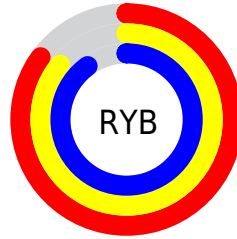
The XYZ color **68.3182, 71.9690, 84.4194** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.3636, 74.9264, 75.6678**, and the grayscale version is **68.2947, 71.8513, 78.2461**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.9741, 37.9055, 45.4649** is the 20% darker color. If you saturate the color by 10%, you get **58.4545, 61.5945, 82.9379**, and if you desaturate by 10%, it is **79.4410, 83.4598, 86.0522**.

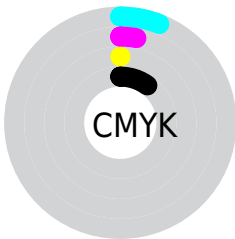
Distribution



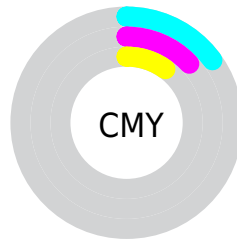
- Red (85%)
- Green (87%)
- Blue (90%)



- Red (85%)
- Yellow (86%)
- Blue (90%)



- Cyan (6%)
- Magenta (3%)
- Yellow (0%)
- Black (10%)



- Cyan (15%)
- Magenta (13%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.3182, 71.9690, 84.4194 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 68.3182, 71.9690, 84.4194 by changing the saturation by 10% instead.

■ 68.3182, 71.9690,
84.4194

■ 68.3182, 71.9690,
84.4194

443.9817,
467.4337, 529.7993

■ 50.4313, 53.1334,
62.8144

115.8466,
122.0125, 141.4287

■ 35.9754, 37.9092,
45.2510

146.2189,
153.9891, 177.6700

■ 24.5852, 25.9123,
31.3108

181.4836,
191.1148, 219.6271

■ 15.8954, 16.7580,
20.5752

222.0061,
233.7740, 267.7186

■ 9.5405, 10.0621,
12.6256

268.1518,
282.3511, 322.3631

■ 5.1553, 5.4402,
7.0436

320.2861,

■ 2.3744, 2.5078,

337.2305, 383.9790

3.4105

378.7742,
398.7965, 452.9849

■ 0.8323, 0.8805,
1.3079

■ 0.0000, 0.0000,
0.0682

■ 68.3182, 71.9690,
84.4194

■ 68.3182, 71.9690,
84.4194

■ 58.4545, 61.5945,
82.9379

■ 79.4410, 83.4598,
86.0522

■ 49.7973, 52.2919,
81.5986

■ 89.3136, 94.7782,
87.7166

■ 42.2992, 44.0271,
80.3985

■ 91.1431, 98.4372,
88.3264

■ 35.9074, 36.7604,
79.3328

■ 30.5645, 30.4496,
78.3963

■ 26.2076, 25.0488,
77.5835

■ 22.7664, 20.5076,
76.8883

■ 20.1599, 16.7694,
76.3041

■ 18.2903, 13.7676,
75.8233

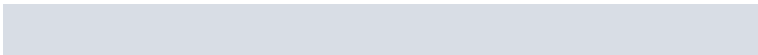
Harmonies

Analogous

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



67.3043, 71.9690, 83.4616



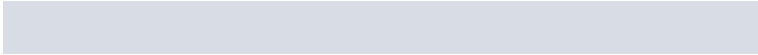
68.3182, 71.9690, 84.4194



69.3656, 71.9690, 83.7193

Triad

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



68.3182, 71.9690, 84.4194



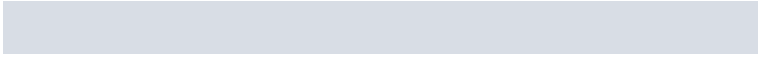
70.2503, 71.9690, 75.6538



66.6758, 71.9690, 75.2368

Complementary

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



68.3182, 71.9690, 84.4194



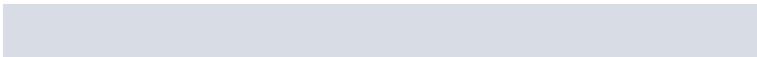
71.3636, 74.9264, 75.6678

Split Complementary

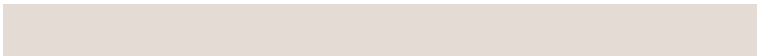
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.4521, 71.9690, 73.2383



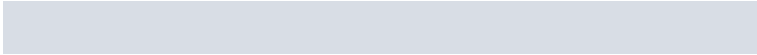
68.3182, 71.9690, 84.4194



69.5164, 71.9690, 73.4745

Square

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



68.3182, 71.9690, 84.4194



70.4880, 71.9690, 78.6092



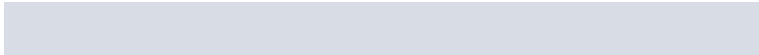
68.4906, 71.9690, 72.6015



66.3622, 71.9690, 78.1154

Rectangle

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



68.3182, 71.9690, 84.4194



69.9405, 71.9690, 82.4165



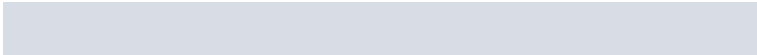
68.4906, 71.9690, 72.6015



66.8909, 71.9690, 74.4427

Sweetspot

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



68.3203, 71.9721, 84.4210



92.2059, 97.0603, 108.4825



69.7668, 76.0097, 81.3742



19.7657, 20.8058, 23.2241



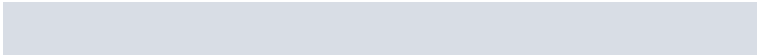
0.0000, 0.0000, 0.0000



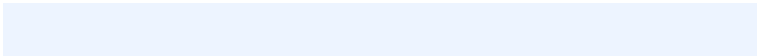
20.3446, 21.4041, 23.3091

Same Dimension

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



68.3203, 71.9721, 84.4210



85.3820, 89.9640, 107.4724



67.4044, 69.5678, 84.0052



14.4527, 15.2293, 18.3221



10.1961, 7.4543, 43.2846



0.8412, 0.7264, 3.2278

Inverse Universe

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



69.9217, 70.9916, 78.4277



87.8999, 88.4482, 98.0435



72.3149, 77.4426, 76.1034



14.9131, 14.9539, 16.5976



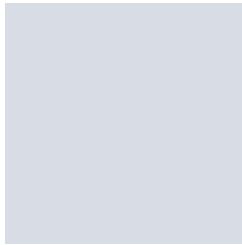
19.5400, 9.9502, 6.4728



1.4882, 0.7530, 0.7116

Previews

White Background



This preview shows how the XYZ color 68.3182, 71.9690, 84.4194 looks on a white background.

Color Contrast Check

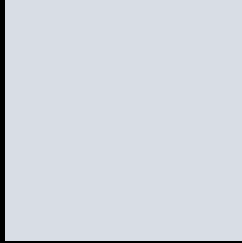
Large Text (above 18pt) WCAG AA × Fail

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 68.3182, 71.9690, 84.4194 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

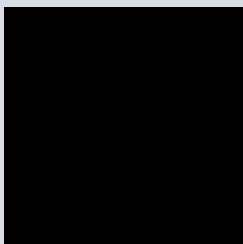
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

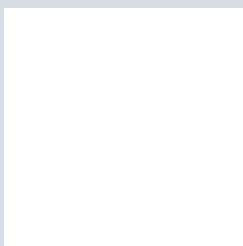
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 68.3182, 71.9690, 84.4194

Background



This preview shows how black text looks on a background with the XYZ color 68.3182, 71.9690, 84.4194.

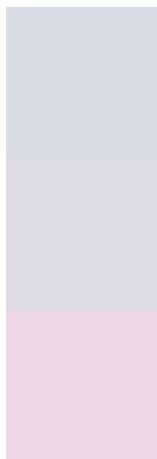


This preview shows how white text looks on a background with the XYZ color 68.3182, 71.9690,

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

68.3182, 71.9690, 84.4194

Protanopia

69.4593, 71.7941, 83.5955

Deuteranopia

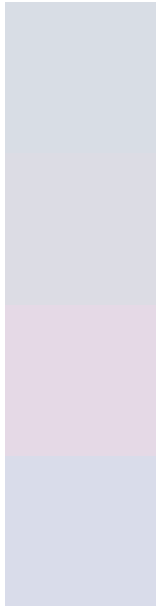
73.2545, 71.8108, 84.8629



Tritanopia

69.4945, 72.0525, 90.3655

Trichromacy



Original Color

68.3182, 71.9690, 84.4194

Protanomaly

69.1120, 72.0035, 83.6543

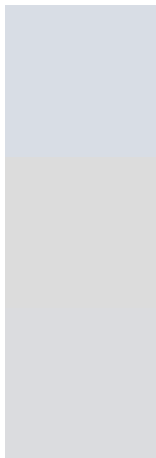
Deuteranomaly

71.4089, 71.9969, 84.9960

Tritanomaly

69.0598, 71.8786, 88.0760

Monochromacy



Original Color

68.3182, 71.9690, 84.4194

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

68.1259, 71.5742, 80.0366

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3182, 71.9690, 84.4194 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(216, 221, 229) looks like.

```
.text, #text, p{  
    color:rgb(216, 221, 229)  
}
```

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(216, 221, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 221, 229) }
```

Border

The CSS property to change the border of an element to XYZ 68.3182, 71.9690, 84.4194 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(216, 221, 229) }
```


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

```
.border{ border-color:rgb(216, 221, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 221, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 221, 229); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 221, 229); box-shadow:4px 4px 4px 4px rgb(216, 221, 229) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3182, 71.9690, 84.4194 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 221, 229) }
```

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

```
.background{ background-color: rgb(216,  
221, 229) }
```

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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