

Converting Colors

XYZ(65.4884, 69.3095, 81.9298)

Have a look what the booklet for
XYZ(65.4884, 69.3095, 81.9298)
contains.

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Color

**XYZ(65.6628, 69.4827,
81.9022)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DAE2
RGB	211, 218, 226
RGB Percent	83%, 85%, 89%
CMY	0.1725, 0.1451, 0.1137
CMYK	0.07, 0.04, 0.00, 0.11
HSL	212°, 21%, 86%
HSV	212°, 7%, 89%
XYZ	65.6628, 69.4827, 81.9022
YIQ	216.8190, -6.7400, 1.0040

Conversions

Conversions Part 2

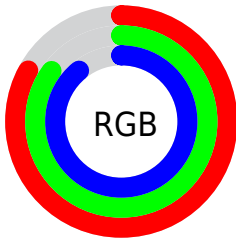
Format	Color
R _Y B	211, 216, 226
Decimal	13884130
CIE Lab	86.74, -0.85, -4.75
CIE LCh	87, 4.823, 259.879
Yxy	69.4827, 0.3025, 0.3201
Android (android.graphics.Color)	4292074210 (0xFFD3DAE2)
YUV	216.8190, 4.5262, -5.1033
Hunter-Lab	83.3563, -5.2625, 0.0937

Details

The XYZ color **65.6628, 69.4827, 81.9022** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.4535, 71.5341, 71.8286**, and the grayscale version is **65.8044, 69.2313, 75.3929**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1582, 36.2026, 43.7155** is the 20% darker color. If you saturate the color by 10%, you get **56.6267, 60.3555, 80.6178**, and if you desaturate by 10%, it is **75.8403, 79.5393, 83.3080**.

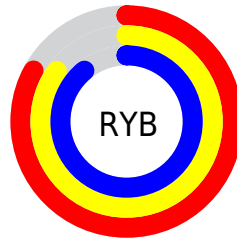
Distribution



Red (83%)

Green (85%)

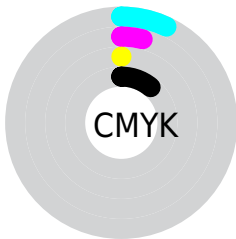
Blue (89%)



Red (83%)

Yellow (85%)

Blue (89%)

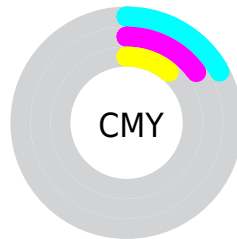


Cyan (7%)

Magenta (4%)

Yellow (0%)

Black (11%)



Cyan (17%)

Magenta (15%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6628, 69.4827, 81.9022 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 65.6628, 69.4827, 81.9022 by changing the saturation by 10% instead.

■ 65.6628, 69.4827,
81.9022

■ 65.6628, 69.4827,
81.9022

434.6776,
458.7316, 521.1954

■ 48.2654, 51.1049,
60.7496

112.0626,
118.4708, 137.8723

■ 34.2492, 36.2921,
43.5939

141.7958,
149.8498, 173.5269

■ 23.2489, 24.6599,
30.0165

176.3716,
186.3314, 214.8525

■ 14.8991, 15.8238,
19.5990

216.1554,
228.3000, 262.2677

■ 8.8345, 9.3996,
11.9227

261.5125,
276.1399, 316.1910

■ 4.6896, 5.0027,
6.5692

312.8084,

■ 2.0992, 2.2489,

330.2355, 377.0411

3.1198

370.4083,
390.9713, 445.2363

■ 0.6888, 0.7464,
1.1561

■ 0.0000, 0.0000,
0.0000

■ 65.6628, 69.4827,
81.9022

■ 65.6628, 69.4827,
81.9022

■ 56.6267, 60.3555,
80.6178

■ 75.8403, 79.5393,
83.3080

■ 48.6835, 52.1198,
79.4468

■ 86.7499, 90.3155,
84.8130

■ 41.7898, 44.7478,
78.3872

■ 90.4568, 97.7293,
86.0486

■ 35.8968, 38.2067,
77.4352

■ 90.7277, 98.2711,
86.1389

■ 30.9516, 32.4615,
76.5869

■ 26.8961, 27.4739,
75.8380

■ 23.6649, 23.2015,
75.1836

■ 21.1821, 19.5964,
74.6186

■ 19.3528, 16.6001,
74.1367

Harmonies

Analogous

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



64.6606, 69.4827, 80.4789



65.6628, 69.4827, 81.9022



66.7776, 69.4827, 81.6157

Triad

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



65.6628, 69.4827, 81.9022



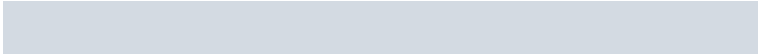
68.0911, 69.4827, 73.5732



64.4051, 69.4827, 71.7425

Complementary

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



65.6628, 69.4827, 81.9022



68.4535, 71.5341, 71.8286

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.



65.3103, 69.4827, 69.9915



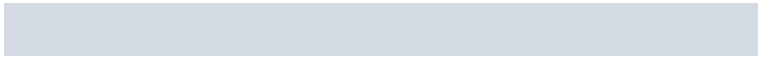
65.6628, 69.4827, 81.9022



67.4413, 69.4827, 71.0275

Square

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



65.6628, 69.4827, 81.9022



68.1880, 69.4827, 76.7459



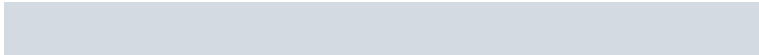
66.4211, 69.4827, 69.7335



63.9399, 69.4827, 74.5742

Rectangle

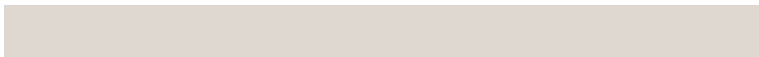
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



65.6628, 69.4827, 81.9022



67.4342, 69.4827, 80.4964



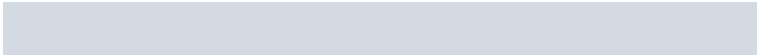
66.4211, 69.4827, 69.7335



64.6675, 69.4827, 71.0114

Sweetspot

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



65.6648, 69.4856, 81.9037



92.3373, 97.3231, 108.5263



66.8146, 73.3440, 77.4817



19.7924, 20.8593, 23.2330



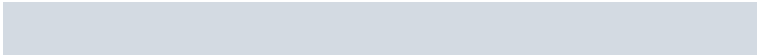
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



65.6648, 69.4856, 81.9037



84.5673, 89.5907, 107.4433



63.9584, 65.9664, 81.3144



13.4770, 14.2931, 17.4362



10.8603, 9.1902, 42.2498



0.8418, 0.8150, 2.9582

Inverse Universe

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



67.3147, 67.8205, 75.8760



87.1820, 86.9871, 97.8826



70.2410, 75.2253, 72.4469



13.9722, 13.8065, 15.6239



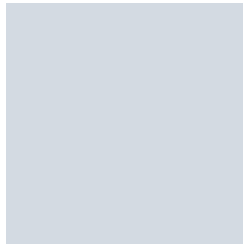
19.4220, 9.8358, 8.8879



1.3911, 0.6997, 0.8526

Previews

White Background



This preview shows how the XYZ color 65.6628, 69.4827, 81.9022 looks on a white background.

Color Contrast Check

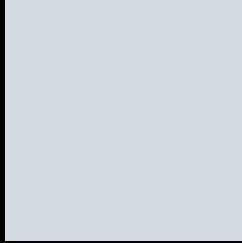
Large Text (above 18pt) WCAG AA × Fail

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 65.6628, 69.4827, 81.9022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

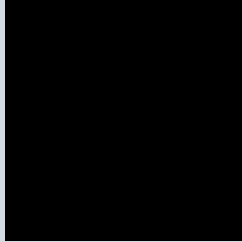
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

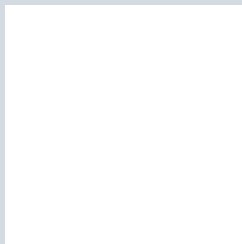
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.6628, 69.4827, 81.9022

Background



This preview shows how black text looks on a background with the XYZ color 65.6628, 69.4827, 81.9022.

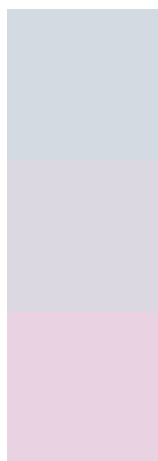


This preview shows how white text looks on a background with the XYZ color 65.6628, 69.4827,

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

65.6628, 69.4827, 81.9022

Protanopia

67.3599, 69.6080, 81.1196

Deuteranopia

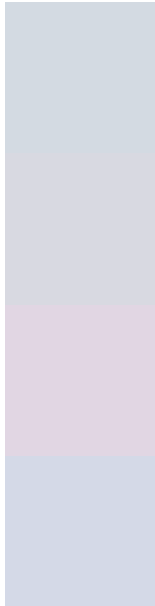
70.7637, 69.4582, 82.3502



Tritanopia

66.8155, 69.5633, 87.7474

Trichromacy



Original Color

65.6628, 69.4827, 81.9022

Protanomaly

66.7224, 69.6609, 81.1634

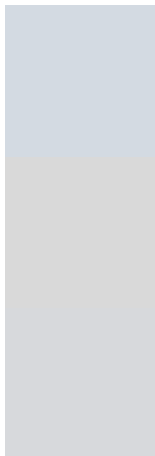
Deuteranomaly

68.9630, 69.6467, 82.4815

Tritanomaly

66.3880, 69.3923, 85.4963

Monochromacy



Original Color

65.6628, 69.4827, 81.9022

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.7555, 69.2401, 77.6091

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6628, 69.4827, 81.9022 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(211, 218, 226) looks like.

```
.text, #text, p{  
    color:rgb(211, 218, 226)  
}
```

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(211, 218, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 218, 226) }
```

Border

The CSS property to change the border of an element to XYZ 65.6628, 69.4827, 81.9022 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(211, 218, 226) }
```


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

```
.border{ border-color:rgb(211, 218, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 218, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 218, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 218, 226);  
box-shadow:4px 4px 4px 4px rgb(211, 218,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6628, 69.4827, 81.9022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 218, 226) }
```

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

```
.background{ background-color: rgb(211,  
218, 226) }
```

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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