

Converting Colors

XYZ(65.8294, 69.1688, 82.5544)

Have a look what the booklet for
XYZ(65.8294, 69.1688, 82.5544)
contains.

XYZ(65.8294, 69.1688, 82.5544)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(65.8294, 69.1688,
82.5544)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D9E3
RGB	212, 217, 227
RGB Percent	83%, 85%, 89%
CMY	0.1686, 0.1490, 0.1098
CMYK	0.07, 0.04, 0.00, 0.11
HSL	220°, 21%, 86%
HSV	220°, 7%, 89%
XYZ	65.8294, 69.1688, 82.5544
YIQ	216.6450, -6.1900, 2.0500

Conversions

Conversions Part 2

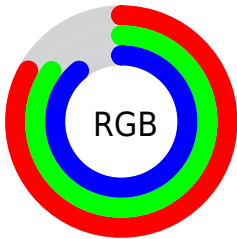
Format	Color
R_{YB}	212, 216, 227
Decimal	13949411
CIE _{Lab}	86.59, 0.19, -5.50
CIE _{LCh}	87, 5.500, 272.021
Yxy	69.1688, 0.3026, 0.3179
Android (android.graphics.Color)	4292139491 (0xFFD4D9E3)
YUV	216.6450, 5.1050, -4.0737
Hunter-Lab	83.1678, -4.2564, -0.6353

Details

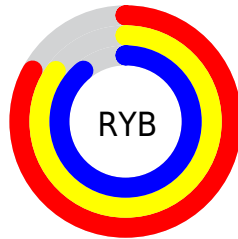
The XYZ color **65.8294, 69.1688, 82.5544** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6838, 73.3265, 72.7693**, and the grayscale version is **65.6813, 69.1018, 75.2519**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2714, 35.9873, 44.1697** is the 20% darker color. If you saturate the color by 10%, you get **56.0181, 58.5866, 81.0300**, and if you desaturate by 10%, it is **76.9222, 80.9461, 84.2441**.

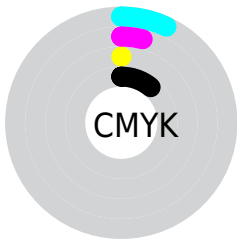
Distribution



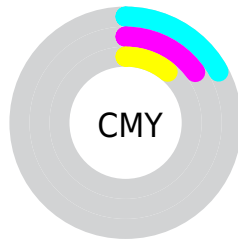
- Red (83%)
- Green (85%)
- Blue (89%)



- 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 65.8294, 69.1688, 82.5544 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 65.8294, 69.1688, 82.5544 by changing the saturation by 10% instead.

■ 65.8294, 69.1688,
82.5544

■ 65.8294, 69.1688,
82.5544

435.2648,
457.6261, 523.4323

■ 48.4011, 50.8492,
61.2841

112.3005,
118.0226, 138.7948

■ 34.3572, 36.0886,
44.0225

142.0741,
149.3257, 174.6021

■ 23.3323, 24.5026,
30.3509

176.6935,
185.7253, 216.0921

■ 14.9611, 15.7069,
19.8507

216.5240,
227.6059, 263.6834

■ 8.8783, 9.3170,
12.1036

261.9310,
275.3519, 317.7945

■ 4.7183, 4.9485,
6.6909

313.2799,

■ 2.1160, 2.2171,

329.3476, 378.8440

3.1940

370.9361,
389.9776, 447.2504

■ 0.6979, 0.7293,
1.1945

■ 0.0000, 0.0000,
0.0000

■ 65.8294, 69.1688,
82.5544

■ 65.8294, 69.1688,
82.5544

■ 56.0181, 58.5866,
81.0300

■ 76.9222, 80.9461,
84.2441

■ 47.4345, 49.1519,
79.6613

■ 88.4464, 93.4882,
86.0575

■ 40.0298, 40.8267,
78.4447

■ 90.8653, 98.3261,
86.8639

■ 33.7496, 33.5674,
77.3745

■ 28.5349, 27.3273,
76.4449

■ 24.3207, 22.0558,
75.6495

■ 21.0347, 17.6974,
74.9814

■ 18.5932, 14.1895,
74.4330

■ 16.8928, 11.4579,
73.9954

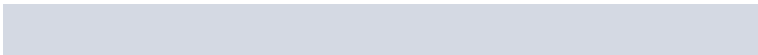
Harmonies

Analogous

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



64.5987, 69.1688, 81.6891



65.8294, 69.1688, 82.5544



67.0521, 69.1688, 81.4279

Triad

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



65.8294, 69.1688, 82.5544



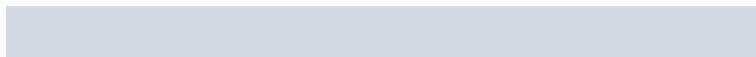
67.8447, 69.1688, 71.6492



63.6003, 69.1688, 72.0650

Complementary

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



65.8294, 69.1688, 82.5544



69.6838, 73.3265, 72.7693

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.



64.4508, 69.1688, 69.5123



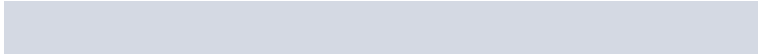
65.8294, 69.1688, 82.5544



66.9004, 69.1688, 69.2777

Square

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



65.8294, 69.1688, 82.5544



68.2250, 69.1688, 75.0656



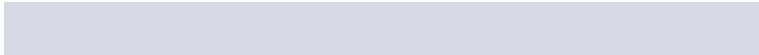
65.6564, 69.1688, 68.5081



63.3217, 69.1688, 75.5610

Rectangle

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



65.8294, 69.1688, 82.5544



67.6954, 69.1688, 79.7195



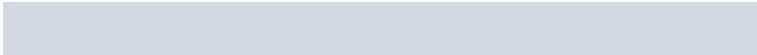
65.6564, 69.1688, 68.5081



63.8282, 69.1688, 71.0721

Sweetspot

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



65.8314, 69.1717, 82.5559



92.1238, 96.8960, 108.4551



67.7730, 74.1969, 79.6823



19.7490, 20.7723, 23.2185



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.



65.8314, 69.1717, 82.5559



83.7541, 87.9644, 107.1722



65.2144, 66.9682, 82.1631



13.9736, 14.6687, 18.2392



9.6779, 6.4179, 43.1119



0.7982, 0.6402, 3.2135

Inverse Universe

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



67.7480, 68.4291, 75.2864



86.7716, 86.8229, 95.7212



70.3273, 75.6602, 73.1859



14.5743, 14.4469, 15.9586



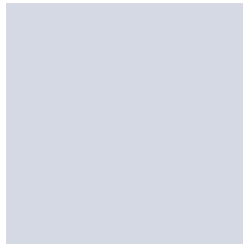
19.2785, 9.8456, 5.0954



1.4665, 0.7443, 0.5971

Previews

White Background



This preview shows how the XYZ color 65.8294, 69.1688, 82.5544 looks on a white background.

Color Contrast Check

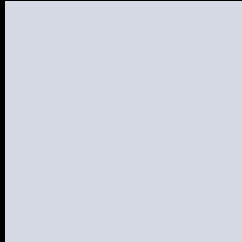
Large Text (above 18pt) WCAG AA × Fail

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 65.8294, 69.1688, 82.5544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

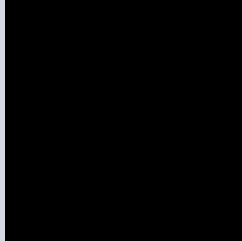
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

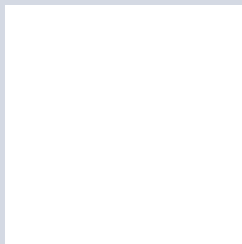
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.8294, 69.1688, 82.5544

Background



This preview shows how black text looks on a background with the XYZ color 65.8294, 69.1688, 82.5544.

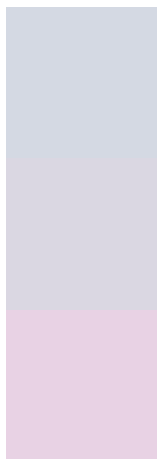


This preview shows how white text looks on a background with the XYZ color 65.8294, 69.1688,

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

65.8294, 69.1688, 82.5544

Protanopia

66.9413, 68.9973, 81.7411

Deuteranopia

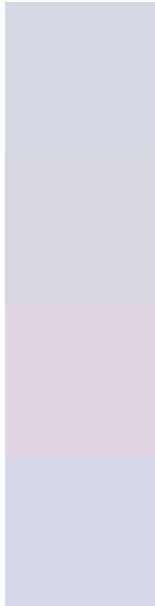
70.3289, 68.8504, 82.9815



Tritanopia

66.7044, 69.1411, 86.9207

Trichromacy



Original Color

65.8294, 69.1688, 82.5544

Protanomaly

66.6022, 69.2017, 81.7984

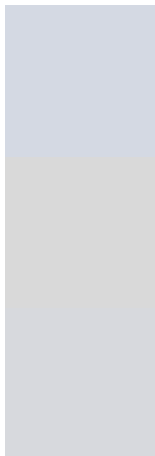
Deuteranomaly

68.8492, 69.1975, 83.1265

Tritanomaly

66.4202, 69.0274, 85.4242

Monochromacy



Original Color

65.8294, 69.1688, 82.5544

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.8883, 69.2932, 78.3089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.8294, 69.1688, 82.5544 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(212, 217, 227) looks like.

```
.text, #text, p{  
    color:rgb(212, 217, 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(212, 217, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 217, 227) }
```

Border

The CSS property to change the border of an element to XYZ 65.8294, 69.1688, 82.5544 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(212, 217, 227) }
```


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

```
.border{ border-color:rgb(212, 217, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 217, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 217, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 217, 227);  
box-shadow:4px 4px 4px 4px rgb(212, 217,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 65.8294, 69.1688, 82.5544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 217, 227) }
```

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

```
.background{ background-color: rgb(212,  
217, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor