

Converting Colors

XYZ(65.4667, 69.3942, 78.3318)

Have a look what the booklet for
XYZ(65.4667, 69.3942, 78.3318)
contains.

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Color

**XYZ(65.5631, 69.5094,
78.3677)**

Conversions

Conversions Part 1

Format	Color
Hex	D5DADD
RGB	213, 218, 221
RGB Percent	84%, 85%, 87%
CMY	0.1647, 0.1451, 0.1333
CMYK	0.04, 0.01, 0.00, 0.13
HSL	202°, 11%, 85%
HSV	202°, 4%, 87%
XYZ	65.5631, 69.5094, 78.3677
YIQ	216.8470, -3.9430, -0.1270

Conversions

Conversions Part 2

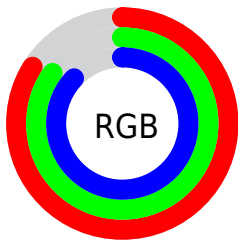
Format	Color
R _Y B	213, 216, 221
Decimal	14015197
CIE Lab	86.76, -1.13, -2.07
CIE LCh	87, 2.357, 241.410
Yxy	69.5094, 0.3072, 0.3257
Android (android.graphics.Color)	4292205277 (0xFFD5DADD)
YUV	216.8470, 2.0474, -3.3738
Hunter-Lab	83.3723, -5.5310, 2.6296

Details

The XYZ color **65.5631, 69.5094, 78.3677** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.3850, 69.2872, 72.8267**, and the grayscale version is **65.8386, 69.2673, 75.4321**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.0807, 36.2167, 41.2707** is the 20% darker color. If you saturate the color by 10%, you get **57.4918, 62.2429, 77.3916**, and if you desaturate by 10%, it is **74.6192, 77.4466, 79.4235**.

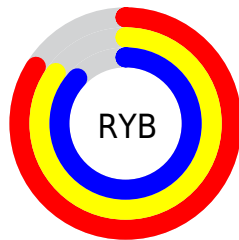
Distribution



Red (84%)

Green (85%)

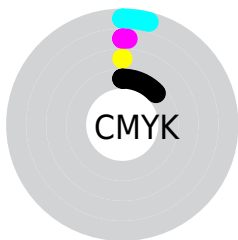
Blue (87%)



Red (84%)

Yellow (85%)

Blue (87%)

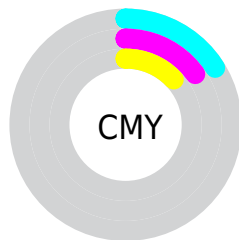


Cyan (4%)

Magenta (1%)

Yellow (0%)

Black (13%)



Cyan (16%)

Magenta (15%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.5631, 69.5094, 78.3677 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 65.5631, 69.5094, 78.3677 by changing the saturation by 10% instead.

■ 65.5631, 69.5094,
78.3677

■ 65.5631, 69.5094,
78.3677

434.3261,
458.8255, 508.9756

■ 48.1842, 51.1267,
57.8578

111.9202,
118.5089, 132.8589

■ 34.1847, 36.3094,
41.2804

141.6292,
149.8944, 167.6774

■ 23.1991, 24.6733,
28.2169

176.1789,
186.3830, 208.1024

■ 14.8621, 15.8338,
18.2488

215.9347,
228.3590, 254.5526

■ 8.8083, 9.4066,
10.9575

261.2620,
276.2069, 307.4465

■ 4.6725, 5.0073,
5.9244

312.5261,

■ 2.0892, 2.2516,

330.3110, 367.2026

2.7311

370.0923,
391.0558, 434.2395

■ 0.6833, 0.7479,
0.9590

■ 0.0000, 0.0000,
0.0000

■ 65.5631, 69.5094,
78.3677

■ 65.5631, 69.5094,
78.3677

■ 57.4918, 62.2429,
77.3916

■ 74.6192, 77.4466,
79.4235

■ 50.3626, 55.6170,
76.4884

■ 83.8739, 85.6457,
80.5183

■ 44.1386, 49.6122,
75.6574

■ 86.2934, 90.4846,
81.3248

■ 38.7776, 44.2045,
74.8962

■ 88.8245, 95.5469,
82.1685

■ 34.2344, 39.3680,
74.2021

■ 90.0513, 98.0005,
82.5774

■ 30.4590, 35.0745,
73.5723

■ 27.3954, 31.2924,
73.0038

■ 24.9793, 27.9859,
72.4929

■ 23.1328, 25.1123,
72.0356

Harmonies

Analogous

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



65.1704, 69.5094, 77.2693



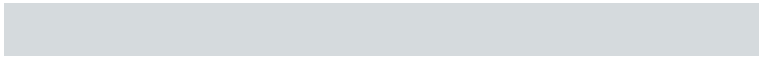
65.5631, 69.5094, 78.3677



66.0926, 69.5094, 78.7444

Triad

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



65.5631, 69.5094, 78.3677



67.1268, 69.5094, 75.6096



65.5184, 69.5094, 73.1348

Complementary

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



65.5631, 69.5094, 78.3677



66.3850, 69.2872, 72.8267

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.



66.0406, 69.5094, 72.7038



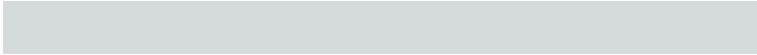
65.5631, 69.5094, 78.3677



66.9710, 69.5094, 74.1204

Square

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



65.5631, 69.5094, 78.3677



66.9972, 69.5094, 77.1388



66.5727, 69.5094, 73.0621



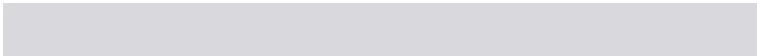
65.1447, 69.5094, 74.2474

Rectangle

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



65.5631, 69.5094, 78.3677



66.4524, 69.5094, 78.5314



66.5727, 69.5094, 73.0621



65.6823, 69.5094, 72.9061

Sweetspot

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



65.5651, 69.5124, 78.3692



93.8141, 98.9117, 108.7551



65.6841, 70.8145, 75.1282



20.0931, 21.1827, 23.2796



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

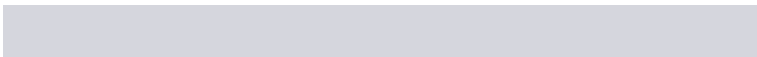
The Same Dimension uses a secret algorithm to generate beautiful new colors.



65.5651, 69.5124, 78.3692



90.1898, 95.7032, 108.3268



64.5562, 67.4946, 78.0329



13.8439, 14.7115, 16.7621



12.9921, 13.8537, 41.7277



0.9234, 1.0610, 2.7306

Inverse Universe

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



66.2694, 68.0239, 75.9703



91.2729, 93.4202, 104.6366



67.4058, 71.3287, 73.1670



14.0395, 14.3011, 16.0955



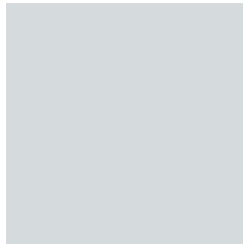
20.0532, 10.0223, 15.1919



1.3404, 0.6658, 1.2014

Previews

White Background



This preview shows how the XYZ color 65.5631, 69.5094, 78.3677 looks on a white background.

Color Contrast Check

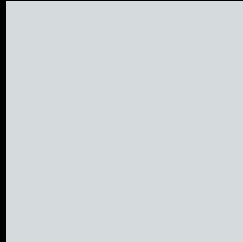
Large Text (above 18pt) WCAG AA × Fail

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 65.5631, 69.5094, 78.3677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

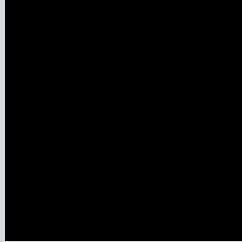
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

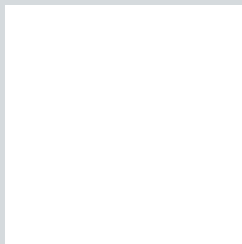
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.5631, 69.5094, 78.3677

Background



This preview shows how black text looks on a background with the XYZ color 65.5631, 69.5094, 78.3677.

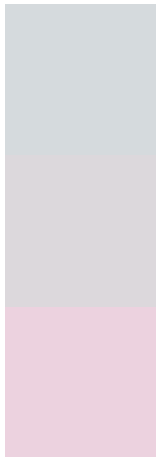


This preview shows how white text looks on a background with the XYZ color 65.5631, 69.5094,

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

65.5631, 69.5094, 78.3677

Protanopia

66.9893, 69.4947, 77.5932

Deuteranopia

70.9579, 69.2538, 79.4395



Tritanopia

67.2882, 69.4420, 86.9480

Trichromacy



Original Color

65.5631, 69.5094, 78.3677

Protanomaly

66.3464, 69.5447, 77.6368

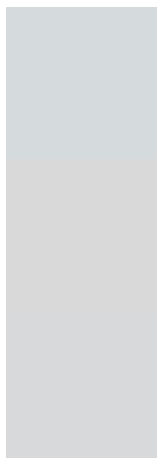
Deuteranomaly

68.9740, 69.3564, 78.8590

Tritanomaly

66.6873, 69.5790, 84.0440

Monochromacy



Original Color

65.5631, 69.5094, 78.3677

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

65.7866, 69.2866, 76.2360

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.5631, 69.5094, 78.3677 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, 218, 221) looks like.

```
.text, #text, p{  
    color:rgb(213, 218, 221)  
}
```

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, 218, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 218, 221) }
```

Border

The CSS property to change the border of an element to XYZ 65.5631, 69.5094, 78.3677 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, 218, 221) }
```


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

```
.border{ border-color:rgb(213, 218, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 218, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 218, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 218, 221);  
box-shadow:4px 4px 4px 4px rgb(213, 218,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 65.5631, 69.5094, 78.3677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 218, 221) }
```

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

```
.background{ background-color: rgb(213,  
218, 221) }
```

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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