

Converting Colors

XYZ(66.1561, 69.6641, 78.1862)

Have a look what the booklet for
XYZ(66.1561, 69.6641, 78.1862)
contains.

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Color

**XYZ(66.4415, 69.9622,
78.4088)**

Conversions

Conversions Part 1

Format	Color
Hex	D8DADD
RGB	216, 218, 221
RGB Percent	85%, 85%, 87%
CMY	0.1529, 0.1451, 0.1333
CMYK	0.02, 0.01, 0.00, 0.13
HSL	216°, 7%, 86%
HSV	216°, 2%, 87%
XYZ	66.4415, 69.9622, 78.4088
YIQ	217.7440, -2.1550, 0.5090

Conversions

Conversions Part 2

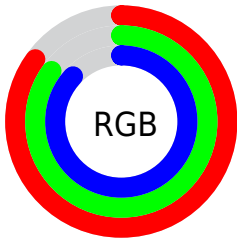
Format	Color
R _Y B	216, 217, 221
Decimal	14211805
CIE Lab	86.98, -0.12, -1.72
CIE LCh	87, 1.722, 265.888
Yxy	69.9622, 0.3093, 0.3257
Android (android.graphics.Color)	4292401885 (0xFFD8DADD)
YUV	217.7440, 1.6052, -1.5295
Hunter-Lab	83.6434, -4.5859, 2.9709

Details

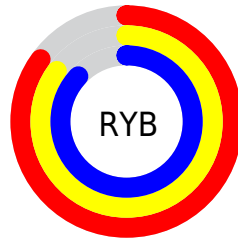
The XYZ color **66.4415, 69.9622, 78.4088** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **67.5452, 70.9924, 75.1098**, and the grayscale version is **66.4563, 69.9172, 76.1399**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.6781, 36.5246, 41.2986** is the 20% darker color. If you saturate the color by 10%, you get **57.0482, 60.2249, 77.0254**, and if you desaturate by 10%, it is **76.9914, 80.7072, 79.9278**.

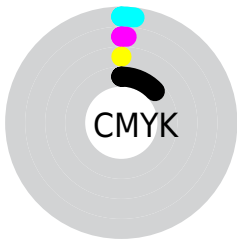
Distribution



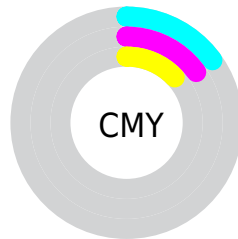
- Red (85%)
- Green (85%)
- Blue (87%)



- Red (85%)
- Yellow (85%)
- Blue (87%)



- Cyan (2%)
- Magenta (1%)
- Yellow (0%)
- Black (13%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.4415, 69.9622, 78.4088 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 66.4415, 69.9622, 78.4088 by changing the saturation by 10% instead.

■ 66.4415, 69.9622,
78.4088

■ 66.4415, 69.9622,
78.4088

437.4180,
460.4173, 509.1187

■ 48.8999, 51.4957,
57.8914

113.1740,
119.1548, 132.9174

■ 34.7543, 36.6033,
41.3072

143.0956,
150.6498, 167.7456

■ 23.6393, 24.9005,
28.2377

177.8746,
187.2564, 208.1812

■ 15.1896, 16.0029,
18.2643

217.8764,
229.3590, 254.6427

■ 9.0397, 9.5262,
10.9685

263.4662,
277.3419, 307.5487

■ 4.8244, 5.0860,
5.9318

315.0096,

■ 2.1783, 2.2978,

331.5897, 367.3177

2.7355

372.8717,
392.4867, 434.3681

■ 0.7313, 0.7725,
0.9612

■ 0.0000, 0.0000,
0.0000

■ 66.4415, 69.9622,
78.4088

■ 66.4415, 69.9622,
78.4088

■ 57.0482, 60.2249,
77.0254

■ 76.9914, 80.7072,
79.9278

■ 48.7645, 51.4556,
75.7694

■ 86.7911, 91.4801,
81.4907

■ 41.5484, 43.6248,
74.6382

■ 90.0513, 98.0005,
82.5774

■ 35.3533, 36.6984,
73.6278

■ 30.1288, 30.6396,
72.7337

■ 25.8197, 25.4090,
71.9512

■ 22.3649, 20.9633,
71.2752

■ 19.6949, 17.2544,
70.7000

■ 17.7274, 14.2267,
70.2193

Harmonies

Analogous

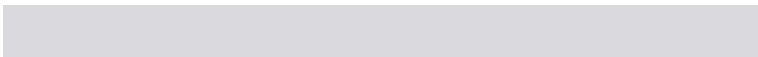
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



66.0640, 69.9622, 78.0265



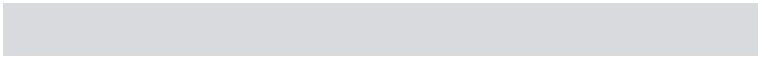
66.4415, 69.9622, 78.4088



66.8354, 69.9622, 78.1881

Triad

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



66.4415, 69.9622, 78.4088



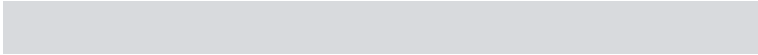
67.1956, 69.9622, 75.2135



65.8584, 69.9622, 74.9409

Complementary

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



66.4415, 69.9622, 78.4088



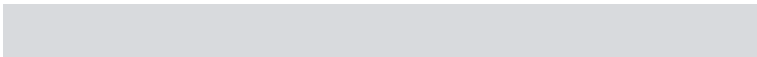
67.5452, 70.9924, 75.1098

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.



66.1597, 69.9622, 74.2006



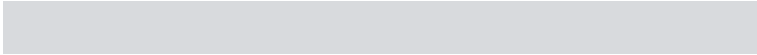
66.4415, 69.9622, 78.4088



66.9319, 69.9622, 74.3568

Square

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



66.4415, 69.9622, 78.4088



67.2718, 69.9622, 76.3360



66.5525, 69.9622, 73.9878



65.7281, 69.9622, 76.0181

Rectangle

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



66.4415, 69.9622, 78.4088



67.0541, 69.9622, 77.7299



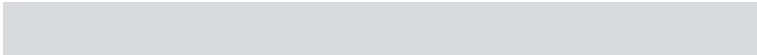
66.5525, 69.9622, 73.9878



65.9429, 69.9622, 74.6448

Sweetspot

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



66.4435, 69.9652, 78.4103



93.6325, 98.5484, 108.6945



66.9517, 71.4231, 77.2187



20.0561, 21.1087, 23.2673



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

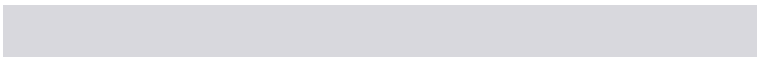
The Same Dimension uses a secret algorithm to generate beautiful new colors.



66.4435, 69.9652, 78.4103



90.8461, 95.6874, 108.2892



66.0504, 68.9959, 78.2440



13.9121, 14.6573, 16.7480



9.7393, 7.3481, 40.6434



0.7139, 0.6419, 2.6607

Inverse Universe

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



67.0311, 69.5473, 76.2242



91.9284, 94.9240, 104.2613



67.9443, 71.9787, 75.2792



14.1204, 14.5116, 15.9726



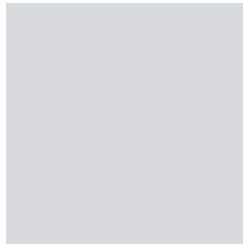
18.4113, 9.3656, 6.5459



1.2346, 0.6235, 0.6445

Previews

White Background



This preview shows how the XYZ color 66.4415, 69.9622, 78.4088 looks on a white background.

Color Contrast Check

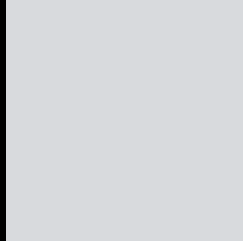
Large Text (above 18pt) WCAG AA × Fail

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 66.4415, 69.9622, 78.4088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

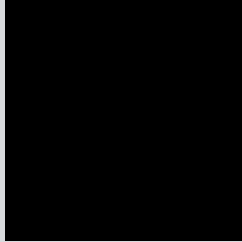
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

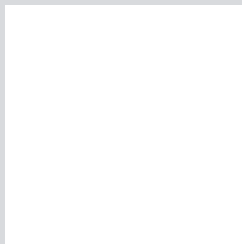
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.4415, 69.9622, 78.4088

Background



This preview shows how black text looks on a background with the XYZ color 66.4415, 69.9622, 78.4088.

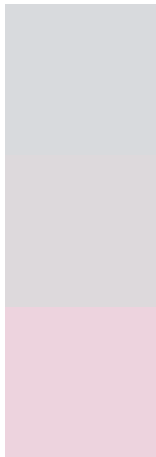


This preview shows how white text looks on a background with the XYZ color 66.4415, 69.9622,

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

66.4415, 69.9622, 78.4088

Protanopia

67.5499, 70.1652, 77.6931

Deuteranopia

71.4041, 69.8670, 78.8295



Tritanopia

68.1773, 69.9004, 86.9896

Trichromacy



Original Color

66.4415, 69.9622, 78.4088

Protanomaly

66.9445, 69.8531, 77.6648

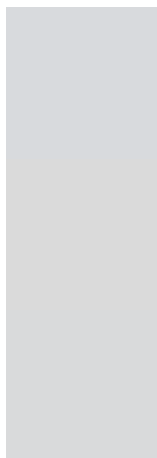
Deuteranomaly

69.5445, 70.0251, 78.9580

Tritanomaly

67.5710, 70.0346, 84.0854

Monochromacy



Original Color

66.4415, 69.9622, 78.4088

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.4729, 70.0090, 77.0274

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.4415, 69.9622, 78.4088 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, 218, 221) looks like.

```
.text, #text, p{  
    color:rgb(216, 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(216, 218, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 218, 221) }
```

Border

The CSS property to change the border of an element to XYZ 66.4415, 69.9622, 78.4088 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, 218, 221) }
```


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

```
.border{ border-color:rgb(216, 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(216, 218, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 218, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 218, 221);  
box-shadow:4px 4px 4px 4px rgb(216, 218,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 66.4415, 69.9622, 78.4088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 218, 221) }
```

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

```
.background{ background-color: rgb(216,  
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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