

Converting Colors

XYZ(64.7686, 69.0534, 77.2229)

Have a look what the booklet for
XYZ(64.7686, 69.0534, 77.2229)
contains.

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Color

**XYZ(64.7216, 69.1062,
76.9455)**

Conversions

Conversions Part 1

Format	Color
Hex	D3DADB
RGB	211, 218, 219
RGB Percent	83%, 85%, 86%
CMY	0.1725, 0.1451, 0.1412
CMYK	0.04, 0.00, 0.00, 0.14
HSL	187°, 10%, 84%
HSV	187°, 4%, 86%
XYZ	64.7216, 69.1062, 76.9455
YIQ	216.0210, -4.4930, -1.1730

Conversions

Conversions Part 2

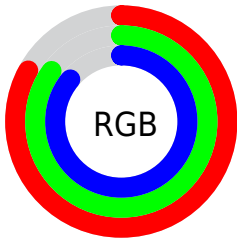
Format	Color
R _Y B	211, 215, 219
Decimal	13884123
CIE Lab	86.56, -2.17, -1.32
CIE LCh	87, 2.540, 211.375
Yxy	69.1062, 0.3071, 0.3279
Android (android.graphics.Color)	4292074203 (0xFFD3DADB)
YUV	216.0210, 1.4686, -4.4034
Hunter-Lab	83.1301, -6.5052, 3.3121

Details

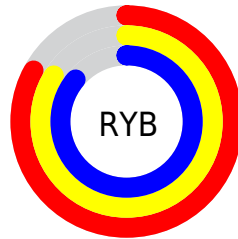
The XYZ color **64.7216, 69.1062, 76.9455** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.5150, 66.8496, 71.1321**, and the grayscale version is **65.2788, 68.6783, 74.7907**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7027, 36.0428, 40.3026** is the 20% darker color. If you saturate the color by 10%, you get **58.1689, 64.6885, 76.4392**, and if you desaturate by 10%, it is **72.1446, 73.9937, 77.4987**.

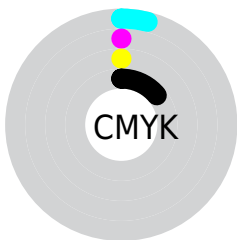
Distribution



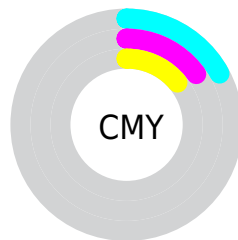
- Red (83%)
- Green (85%)
- Blue (86%)



- Red (83%)
- Yellow (84%)
- Blue (86%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (14%)



- Cyan (17%)
- Magenta (15%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.7216, 69.1062, 76.9455 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 64.7216, 69.1062, 76.9455 by changing the saturation by 10% instead.

■ 64.7216, 69.1062,
76.9455

■ 64.7216, 69.1062,
76.9455

431.3519,
457.4054, 504.0109

■ 47.4992, 50.7982,
56.6968

110.7174,
117.9332, 130.8349

■ 33.6401, 36.0480,
40.3542

140.2216,
149.2211, 165.3126

■ 22.7788, 24.4713,
27.4989

174.5505,
185.6043, 205.3706

■ 14.5501, 15.6836,
17.7125

214.0693,
227.4674, 251.4271

■ 8.5885, 9.3005,
10.5765

259.1435,
275.1946, 303.9009

■ 4.5287, 4.9377,
5.6723

310.1385,

■ 2.0054, 2.2108,

329.1704, 363.2105

2.5813

367.4195,
389.7793, 429.7743

■ 0.6370, 0.7259,
0.8828

■ 0.0000, 0.0000,
0.0000

■ 64.7216, 69.1062,
76.9455

■ 64.7216, 69.1062,
76.9455

■ 58.1689, 64.6885,
76.4392

■ 72.1446, 73.9937,
77.4987

■ 52.4464, 60.7141,
75.9737

■ 80.4646, 79.3590,
78.0958

■ 47.5191, 57.1668,
75.5487

■ 81.2741, 80.8700,
78.3448

■ 43.3478, 54.0261,
75.1623

■ 82.0226, 82.3671,
78.5943

■ 39.8894, 51.2700,
74.8126

■ 82.7830, 83.8879,
78.8478

■ 37.0967, 48.8740,
74.4973

■ 83.5553, 85.4325,
79.1052

■ 34.9167, 46.8106,
74.2140

■ 84.3396, 87.0010,
79.3666

■ 33.2880, 45.0481,
73.9596

■ 85.1359, 88.5936,
79.6320

■ 32.1365, 43.5482,
73.7308

■ 85.9443, 90.2103,
79.9015

Harmonies

Analogous

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



64.5582, 69.1062, 75.3227



64.7216, 69.1062, 76.9455



65.1425, 69.1062, 78.1267

Triad

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



64.7216, 69.1062, 76.9455



66.6821, 69.1062, 76.8088



65.6562, 69.1062, 72.0501

Complementary

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



64.7216, 69.1062, 76.9455



64.5150, 66.8496, 71.1321

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.



66.2272, 69.1062, 72.4348



64.7216, 69.1062, 76.9455



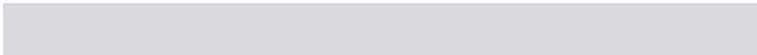
66.8216, 69.1062, 75.1671

Square

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



64.7216, 69.1062, 76.9455



66.2745, 69.1062, 78.0470



66.6546, 69.1062, 73.5696



65.0958, 69.1062, 72.5107

Rectangle

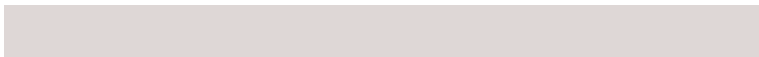
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.7216, 69.1062, 76.9455



65.5138, 69.1062, 78.4960



66.6546, 69.1062, 73.5696



65.8533, 69.1062, 72.0848

Sweetspot

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



64.7236, 69.1091, 76.9470



94.0168, 99.3171, 108.8226



64.0718, 69.2632, 72.2366



20.1344, 21.2651, 23.2933



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.



64.7236, 69.1091, 76.9470



90.9925, 97.3086, 108.5944



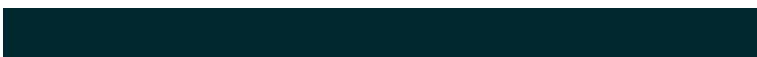
63.7147, 67.0914, 76.6107



13.9890, 15.0015, 16.8104



18.7776, 25.4247, 43.6562



1.2561, 1.7264, 2.8415

Inverse Universe

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



65.1641, 66.7119, 75.7753



91.6780, 93.5823, 106.7702



65.5112, 68.8420, 71.4641



14.1127, 14.3304, 16.4809



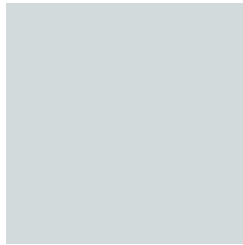
22.9734, 11.1904, 30.5696



1.5083, 0.7330, 2.0858

Previews

White Background



This preview shows how the XYZ color 64.7216, 69.1062, 76.9455 looks on a white background.

Color Contrast Check

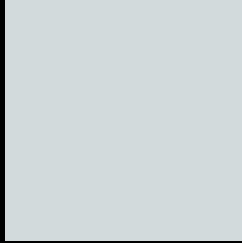
Large Text (above 18pt) WCAG AA × Fail

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 64.7216, 69.1062, 76.9455 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

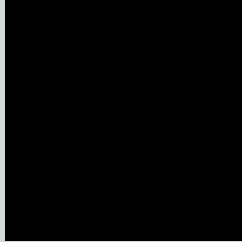
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

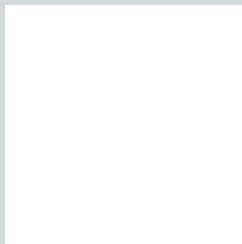
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.7216, 69.1062, 76.9455

Background



This preview shows how black text looks on a background with the XYZ color 64.7216, 69.1062, 76.9455.

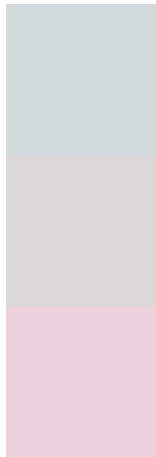


This preview shows how white text looks on a background with the XYZ color 64.7216, 69.1062,

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

64.7216, 69.1062, 76.9455

Protanopia

66.3400, 68.8263, 75.4339

Deuteranopia

70.3587, 68.9758, 78.0120



Tritanopia

66.7044, 69.1411, 86.9207

Trichromacy



Original Color

64.7216, 69.1062, 76.9455

Protanomaly

65.8260, 68.9254, 76.1642

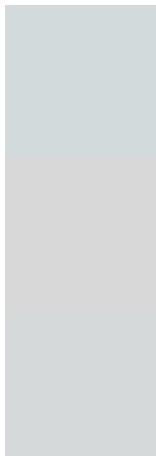
Deuteranomaly

68.0765, 68.9246, 77.4259

Tritanomaly

65.9678, 69.2242, 83.2835

Monochromacy



Original Color

64.7216, 69.1062, 76.9455

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.0688, 68.9316, 75.5213

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.7216, 69.1062, 76.9455 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, 219) looks like.

```
.text, #text, p{  
    color:rgb(211, 218, 219)  
}
```

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, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 218, 219) }
```

Border

The CSS property to change the border of an element to XYZ 64.7216, 69.1062, 76.9455 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, 219) }
```


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

```
.border{ border-color:rgb(211, 218, 219) }
```

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, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 218, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 218, 219);  
box-shadow:4px 4px 4px 4px rgb(211, 218,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 64.7216, 69.1062, 76.9455 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, 219) }
```

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

```
.background{ background-color: rgb(211,  
218, 219) }
```

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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