

Converting Colors

XYZ(63.3748, 67.2698, 77.8267)

Have a look what the booklet for
XYZ(63.3748, 67.2698, 77.8267)
contains.

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Color

**XYZ(63.3640, 67.2312,
78.0439)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D7DD
RGB	208, 215, 221
RGB Percent	82%, 84%, 87%
CMY	0.1843, 0.1568, 0.1333
CMYK	0.06, 0.03, 0.00, 0.13
HSL	208°, 16%, 84%
HSV	208°, 6%, 87%
XYZ	63.3640, 67.2312, 78.0439
YIQ	213.5910, -6.0980, 0.3820

Conversions

Conversions Part 2

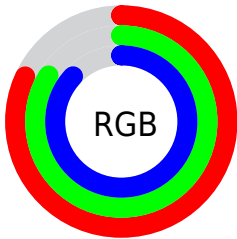
Format	Color
R _Y B	208, 213, 221
Decimal	13686749
CIE Lab	85.62, -1.23, -3.78
CIE LCh	86, 3.975, 251.961
Yxy	67.2312, 0.3037, 0.3222
Android (android.graphics.Color)	4291876829 (0xFFD0D7DD)
YUV	213.5910, 3.6526, -4.9033
Hunter-Lab	81.9946, -5.5490, 0.9630

Details

The XYZ color **63.3640, 67.2312, 78.0439** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.2508, 68.0188, 69.3655**, and the grayscale version is **63.6225, 66.9358, 72.8931**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.7802, 34.7648, 41.0590** is the 20% darker color. If you saturate the color by 10%, you get **55.0631, 59.2193, 76.9360**, and if you desaturate by 10%, it is **72.6963, 76.0187, 79.2492**.

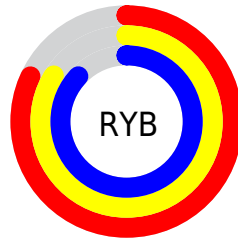
Distribution



Red (82%)

Green (84%)

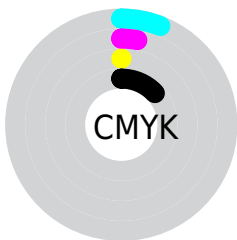
Blue (87%)



Red (82%)

Yellow (84%)

Blue (87%)

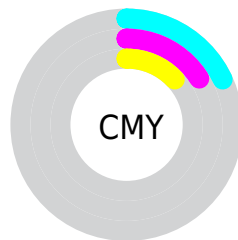


Cyan (6%)

Magenta (3%)

Yellow (0%)

Black (13%)



Cyan (18%)

Magenta (16%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.3640, 67.2312, 78.0439 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 63.3640, 67.2312, 78.0439 by changing the saturation by 10% instead.

■ 63.3640, 67.2312,
78.0439

■ 63.3640, 67.2312,
78.0439

426.5280,
450.7673, 507.8478

■ 46.3955, 49.2725,
57.5934

108.7733,
115.2516, 132.3984

■ 32.7640, 34.8357,
41.0693

137.9449,
146.0822, 167.1395

■ 22.1041, 23.5364,
28.0531

171.9149,
181.9722, 207.4812

■ 14.0504, 14.9901,
18.1263

211.0486,
223.3060, 253.8421

■ 8.2377, 8.8124,
10.8703

255.7114,
270.4680, 306.6406

■ 4.3005, 4.6190,
5.8666

306.2687,

■ 1.8735, 2.0255,

323.8426, 366.2954

2.6967

363.0857,
383.8143, 433.2249

■ 0.5614, 0.6222,
0.9418

■ 0.0000, 0.0000,
0.0000

■ 63.3640, 67.2312,
78.0439

■ 63.3640, 67.2312,
78.0439

■ 55.0631, 59.2193,
76.9360

■ 72.6963, 76.0187,
79.2492

■ 47.7494, 51.9503,
75.9184

■ 83.0907, 85.5962,
80.5500

■ 41.3837, 45.4013,
74.9898

■ 87.1220, 92.1419,
81.6010

■ 35.9218, 39.5450,
74.1473

■ 90.0513, 98.0005,
82.5774

■ 31.3159, 34.3521,
73.3877

■ 27.5133, 29.7904,
72.7077

■ 24.4548, 25.8243,
72.1033

■ 22.0716, 22.4133,
71.5705

■ 20.2798, 19.5084,
71.1043

Harmonies

Analogous

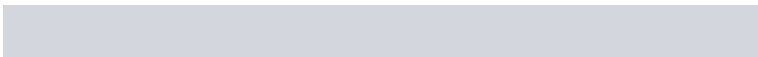
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



62.6163, 67.2312, 76.5856



63.3640, 67.2312, 78.0439



64.2625, 67.2312, 78.1867

Triad

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



63.3640, 67.2312, 78.0439



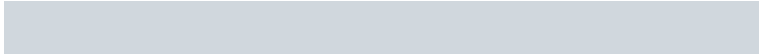
65.6184, 67.2312, 72.1756



62.7450, 67.2312, 69.5605

Complementary

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



63.3640, 67.2312, 78.0439



65.2508, 68.0188, 69.3655

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.



63.5414, 67.2312, 68.4364



63.3640, 67.2312, 78.0439



65.2037, 67.2312, 69.9222

Square

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



63.3640, 67.2312, 78.0439



65.5698, 67.2312, 74.7572



64.4415, 67.2312, 68.5672



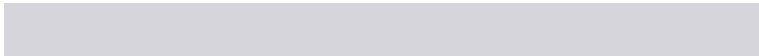
62.2612, 67.2312, 71.6712

Rectangle

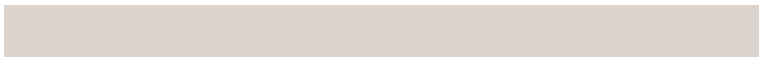
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



63.3640, 67.2312, 78.0439



64.8266, 67.2312, 77.5125



64.4415, 67.2312, 68.5672



62.9847, 67.2312, 69.0570

Sweetspot

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



63.3659, 67.2341, 78.0454



92.4526, 97.5537, 108.5647



63.9884, 69.9713, 73.6523



19.8159, 20.9062, 23.2408



0.0000, 0.0000, 0.0000



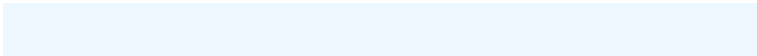
20.3446, 21.4041, 23.3091

Same Dimension

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



63.3659, 67.2341, 78.0454



86.2144, 91.6289, 107.7499



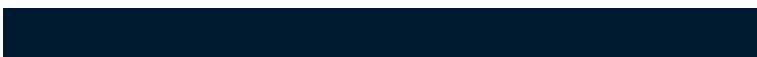
61.7794, 64.0609, 77.5165



13.2619, 14.1044, 16.6756



11.5323, 10.9341, 41.2411



0.8330, 0.8801, 2.7004

Inverse Universe

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



64.6419, 65.3915, 73.5081



88.3200, 88.6162, 100.2562



66.8902, 71.2976, 69.9120



13.6097, 13.6087, 15.4373



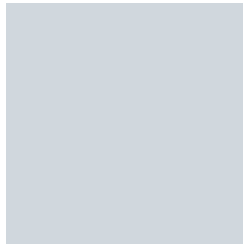
19.3163, 9.7276, 11.3116



1.2948, 0.6475, 0.9611

Previews

White Background



This preview shows how the XYZ color 63.3640, 67.2312, 78.0439 looks on a white background.

Color Contrast Check

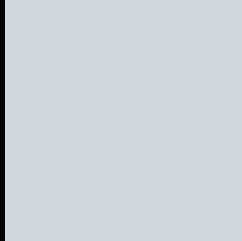
Large Text (above 18pt) WCAG AA × Fail

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 63.3640, 67.2312, 78.0439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

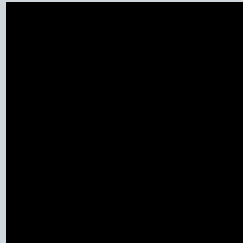
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

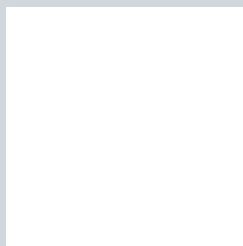
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.3640, 67.2312, 78.0439

Background



This preview shows how black text looks on a background with the XYZ color 63.3640, 67.2312, 78.0439.

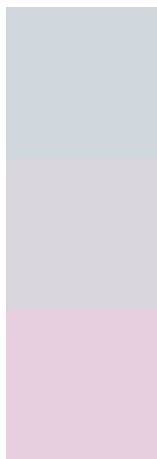


This preview shows how white text looks on a background with the XYZ color 63.3640, 67.2312, 78.0439.

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

63.3640, 67.2312, 78.0439

Protanopia

65.0314, 67.3547, 77.2834

Deuteranopia

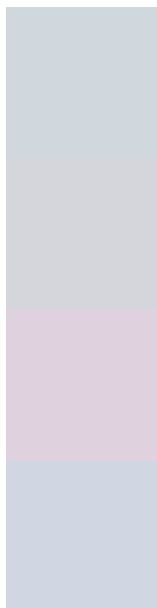
68.5871, 66.9423, 79.1183



Tritanopia

64.9078, 67.5079, 84.4722

Trichromacy



Original Color

63.3640, 67.2312, 78.0439

Protanomaly

64.4054, 67.4066, 77.3264

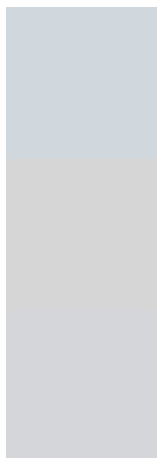
Deuteranomaly

66.6628, 67.0551, 78.5367

Tritanomaly

64.2062, 67.1945, 82.2589

Monochromacy



Original Color

63.3640, 67.2312, 78.0439

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.7223, 67.0999, 75.2387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3640, 67.2312, 78.0439 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(208, 215, 221) looks like.

```
.text, #text, p{  
    color:rgb(208, 215, 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(208, 215, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 215, 221) }
```

Border

The CSS property to change the border of an element to XYZ 63.3640, 67.2312, 78.0439 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(208, 215, 221) }
```


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

```
.border{ border-color:rgb(208, 215, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 215, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 215, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 215, 221);  
box-shadow:4px 4px 4px 4px rgb(208, 215,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3640, 67.2312, 78.0439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 215, 221) }
```

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

```
.background{ background-color: rgb(208,  
215, 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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