

Converting Colors

XYZ(63.8184, 66.7390, 76.7453)

Have a look what the booklet for
XYZ(63.8184, 66.7390, 76.7453)
contains.

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Color

**XYZ(63.7318, 66.7000,
76.5332)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D5DB
RGB	212, 213, 219
RGB Percent	83%, 84%, 86%
CMY	0.1686, 0.1647, 0.1412
CMYK	0.03, 0.03, 0.00, 0.14
HSL	231°, 9%, 85%
HSV	231°, 3%, 86%
XYZ	63.7318, 66.7000, 76.5332
YIQ	213.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

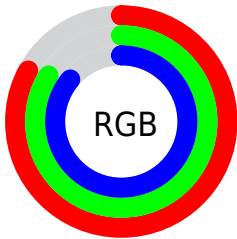
Format	Color
R_{YB}	212, 213, 219
Decimal	13948379
CIE Lab	85.35, 0.77, -3.08
CIE LCh	85, 3.175, 284.022
Yxy	66.7000, 0.3079, 0.3223
Android (android.graphics.Color)	4292138459 (0xFFD4D5DB)
YUV	213.3850, 2.7682, -1.2146
Hunter-Lab	81.6701, -3.6289, 1.6083

Details

The XYZ color **63.7318, 66.7000, 76.5332** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.1686, 69.9556, 72.3037**, and the grayscale version is **63.4884, 66.7948, 72.7395**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.8323, 34.3022, 40.0125** is the 20% darker color. If you saturate the color by 10%, you get **53.3931, 54.7671, 74.7758**, and if you desaturate by 10%, it is **75.4765, 80.1718, 78.5155**.

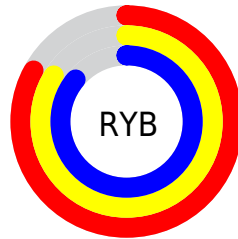
Distribution



Red (83%)

Green (84%)

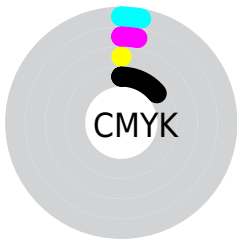
Blue (86%)



Red (83%)

Yellow (84%)

Blue (86%)

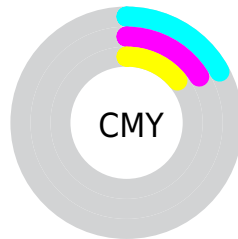


Cyan (3%)

Magenta (3%)

Yellow (0%)

Black (14%)



Cyan (17%)

Magenta (16%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.7318, 66.7000, 76.5332 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 63.7318, 66.7000, 76.5332 by changing the saturation by 10% instead.

■ 63.7318, 66.7000,
76.5332

■ 63.7318, 66.7000,
76.5332

427.8381,
448.8762, 502.5663

■ 46.6944, 48.8409,
56.3606

109.3005,
114.4904, 130.2473

■ 33.0010, 34.4933,
40.0861

138.5624,
145.1905, 164.6259

■ 22.2865, 23.2728,
27.2914

172.6299,
180.9397, 204.5768

■ 14.1853, 14.7951,
17.5578

211.8683,
222.1224, 250.5187

■ 8.3322, 8.6757,
10.4669

256.6430,
269.1230, 302.8701

■ 4.3619, 4.5303,
5.6000

307.3193,

■ 1.9088, 1.9744,

322.3259, 362.0494

2.5386

364.2625,
382.1155, 428.4753

■ 0.5820, 0.5925,
0.8605

■ 0.0000, 0.0000,
0.0000

■ 63.7318, 66.7000,
76.5332

■ 63.7318, 66.7000,
76.5332

■ 53.3931, 54.7671,
74.7758

■ 75.4765, 80.1718,
78.5155

■ 44.4020, 44.3100,
73.2313

■ 88.3758, 95.0735,
80.7120

■ 36.7041, 35.2734,
71.8928

■ 89.7864, 97.8946,
81.1821

■ 30.2396, 27.5956,
70.7515

■ 24.9436, 21.2103,
69.7982

■ 20.7451, 16.0453,
69.0225

■ 17.5655, 12.0216,
68.4134

■ 15.3152, 9.0502,
67.9585

■ 13.8883, 7.0284,
67.6435

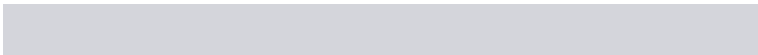
Harmonies

Analogous

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



63.0167, 66.7000, 76.4970



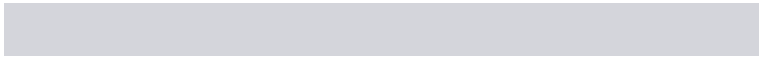
63.7318, 66.7000, 76.5332



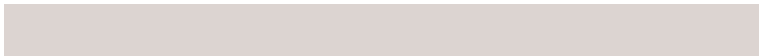
64.3616, 66.7000, 75.5085

Triad

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



63.7318, 66.7000, 76.5332



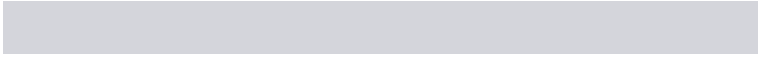
64.3953, 66.7000, 69.9089



62.0769, 66.7000, 71.5409

Complementary

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



63.7318, 66.7000, 76.5332



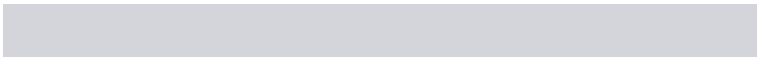
66.1686, 69.9556, 72.3037

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.



62.4408, 66.7000, 69.8158



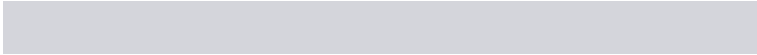
63.7318, 66.7000, 76.5332



63.7775, 66.7000, 68.8858

Square

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



63.7318, 66.7000, 76.5332



64.7467, 66.7000, 71.6702



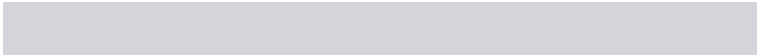
63.0621, 66.7000, 68.8521



62.0649, 66.7000, 73.5882

Rectangle

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



63.7318, 66.7000, 76.5332



64.6469, 66.7000, 74.3725



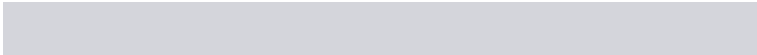
63.0621, 66.7000, 68.8521



62.1620, 66.7000, 70.9050

Sweetspot

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



63.7337, 66.7028, 76.5347



93.4251, 98.1337, 108.6254



65.1323, 69.7205, 76.3210



20.0140, 21.0243, 23.2532



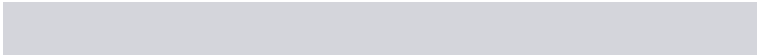
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

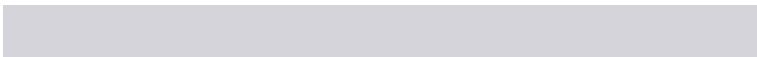
The Same Dimension uses a secret algorithm to generate beautiful new colors.



63.7337, 66.7028, 76.5347



88.6720, 92.6677, 107.8209



64.1938, 66.5665, 76.4841



13.5707, 14.1649, 16.6710



7.9262, 3.7218, 40.0390



0.5626, 0.3393, 2.6103

Inverse Universe

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



64.7686, 66.9524, 72.4636



90.5068, 93.1138, 100.6024



65.6979, 70.1004, 72.3565



13.9015, 14.2459, 15.3691



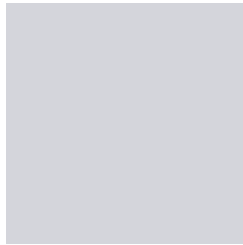
17.4961, 8.9995, 1.7265



1.1583, 0.5929, 0.2423

Previews

White Background



This preview shows how the XYZ color 63.7318, 66.7000, 76.5332 looks on a white background.

Color Contrast Check

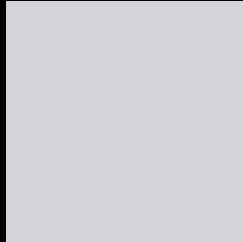
Large Text (above 18pt) WCAG AA × Fail

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 63.7318, 66.7000, 76.5332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

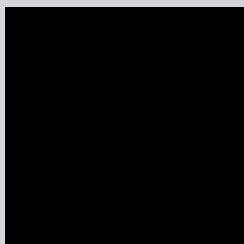
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

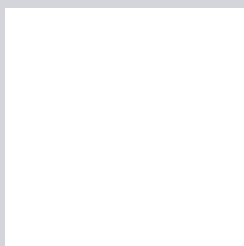
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.7318, 66.7000, 76.5332

Background



This preview shows how black text looks on a background with the XYZ color 63.7318, 66.7000, 76.5332.

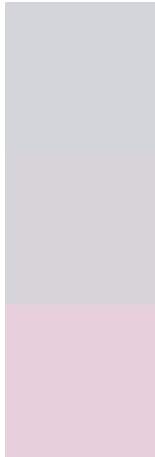


This preview shows how white text looks on a background with the XYZ color 63.7318, 66.7000, 76.5332.

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

63.7318, 66.7000, 76.5332

Protanopia

64.2227, 66.5960, 75.7991

Deuteranopia

68.1861, 66.7819, 77.0065



Tritanopia

64.9876, 66.8345, 82.8739

Trichromacy



Original Color

63.7318, 66.7000, 76.5332

Protanomaly

63.9299, 66.4451, 75.7854

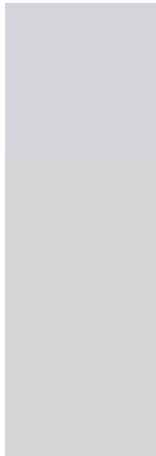
Deuteranomaly

66.4592, 66.6155, 77.0655

Tritanomaly

64.5747, 66.6693, 80.6992

Monochromacy



Original Color

63.7318, 66.7000, 76.5332

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.5006, 66.6409, 73.8061

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.7318, 66.7000, 76.5332 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, 213, 219) looks like.

```
.text, #text, p{  
    color:rgb(212, 213, 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(212, 213, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 213, 219) }
```

Border

The CSS property to change the border of an element to XYZ 63.7318, 66.7000, 76.5332 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, 213, 219) }
```


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

```
.border{ border-color:rgb(212, 213, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 213, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 213, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 213, 219);  
box-shadow:4px 4px 4px 4px rgb(212, 213,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 63.7318, 66.7000, 76.5332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 213, 219) }
```

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

```
.background{ background-color: rgb(212,  
213, 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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