

Converting Colors

XYZ(64.3740, 66.0688, 69.6813)

Have a look what the booklet for
XYZ(64.3740, 66.0688, 69.6813)
contains.

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Color

**XYZ(64.3740, 66.0688,
69.6813)**

Conversions

Conversions Part 1

Format	Color
Hex	DDD2D1
RGB	221, 210, 209
RGB Percent	87%, 82%, 82%
CMY	0.1333, 0.1764, 0.1804
CMYK	0.00, 0.05, 0.05, 0.13
HSL	5°, 15%, 84%
HSV	5°, 5%, 87%
XYZ	64.3740, 66.0688, 69.6813
YIQ	213.1750, 6.8770, 2.0210

Conversions

Conversions Part 2

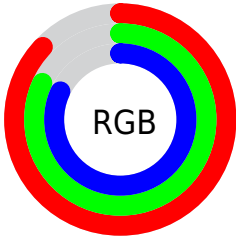
Format	Color
R _Y B	221, 210, 209
Decimal	14537425
CIE Lab	85.03, 3.62, 1.84
CIE LCh	85, 4.058, 26.973
Yxy	66.0688, 0.3217, 0.3301
Android (android.graphics.Color)	4292727505 (0xFFDDD2D1)
YUV	213.1750, -2.0583, 6.8625
Hunter-Lab	81.2827, -0.8770, 6.0703

Details

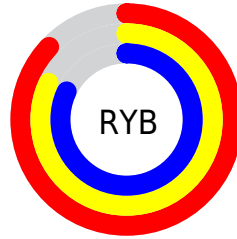
The XYZ color **64.3740, 66.0688, 69.6813** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.9387, 69.9610, 78.4886**, and the grayscale version is **63.3746, 66.6750, 72.6091**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.5307, 34.2505, 35.8541** is the 20% darker color. If you saturate the color by 10%, you get **57.1384, 55.6764, 54.6935**, and if you desaturate by 10%, it is **72.6256, 77.8842, 86.8820**.

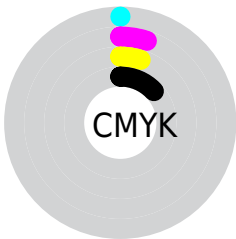
Distribution



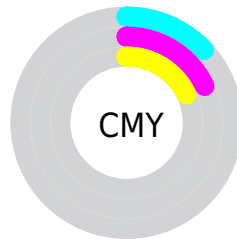
- Red (87%)
- Green (82%)
- Blue (82%)



- Red (87%)
- Yellow (82%)
- Blue (82%)



- Cyan (0%)
- Magenta (5%)
- Yellow (5%)
- Black (13%)



- Cyan (13%)
- Magenta (18%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3740, 66.0688, 69.6813 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 64.3740, 66.0688, 69.6813 by changing the saturation by 10% instead.

■ 64.3740, 66.0688,
69.6813

■ 64.3740, 66.0688,
69.6813

430.1198,
446.6229, 478.1891

■ 47.2165, 48.3283,
50.7916

110.2201,
113.5851, 120.4310

■ 33.4155, 34.0869,
35.6672

139.6394,
144.1296, 153.1280

■ 22.6057, 22.9604,
23.8896

173.8767,
179.7109, 191.2646

■ 14.4217, 14.5643,
15.0403

213.2972,
220.7134, 235.2592

■ 8.4982, 8.5141,
8.7007

258.2665,
267.5214, 285.5304

■ 4.4698, 4.4257,
4.4524

309.1498,

■ 1.9712, 1.9144,

320.5194, 342.4968

1.8766

366.3124,
380.0918, 406.5768

■ 0.6177, 0.5570,
0.4778

■ 0.0000, 0.0000,
0.0000

■ 64.3740, 66.0688,
69.6813

■ 64.3740, 66.0688,
69.6813

■ 57.1384, 55.6764,
54.6935

■ 72.6256, 77.8842,
86.8820

■ 50.8743, 46.6451,
41.8246

■ 81.9246, 91.1644,
106.3757

■ 45.5417, 38.9210,
30.9803

■ 83.6291, 94.1123,
108.3655

■ 41.0962, 32.4436,
22.0574

■ 37.4893, 27.1474,
14.9437

■ 34.6683, 22.9611,
9.5155

■ 32.5741, 19.8056,
5.6332

■ 31.1393, 17.5912,
3.1351

■ 30.2837, 16.2129,
1.8233

Harmonies

Analogous

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



64.5658, 66.0688, 72.2035



64.3740, 66.0688, 69.6813



63.7581, 66.0688, 67.8042

Triad

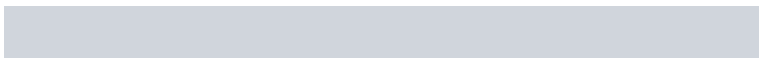
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.3740, 66.0688, 69.6813



61.3360, 66.0688, 69.2321



62.7038, 66.0688, 77.0761

Complementary

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



64.3740, 66.0688, 69.6813



64.9387, 69.9610, 78.4886

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.



61.8444, 66.0688, 76.2358



64.3740, 66.0688, 69.6813



61.0596, 66.0688, 71.6725

Square

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



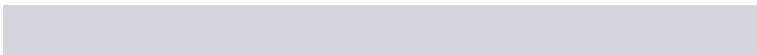
64.3740, 66.0688, 69.6813



62.0035, 66.0688, 67.5493



61.2448, 66.0688, 74.2423



63.5960, 66.0688, 76.5121

Rectangle

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



64.3740, 66.0688, 69.6813



63.1930, 66.0688, 67.1497



61.2448, 66.0688, 74.2423



62.4015, 66.0688, 76.9480

Sweetspot

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



64.3759, 66.0717, 69.6827



92.7668, 96.7303, 104.1418



65.5384, 66.1414, 77.0233



19.8798, 20.7385, 22.3404



0.0000, 0.0000, 0.0000



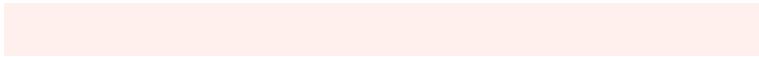
20.3446, 21.4041, 23.3091

Same Dimension

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



64.3759, 66.0717, 69.6827



87.3101, 88.9075, 92.7948



65.8841, 69.0882, 70.1855



13.4432, 13.6564, 14.2080



17.4861, 9.2578, 0.8653



1.1639, 0.6619, 0.0664

Inverse Universe

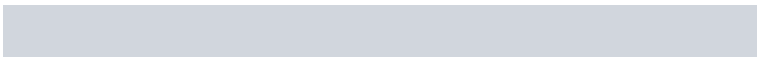
The Inverse Universe completely reimagines the original color for something new.



64.9387, 69.9610, 78.4886



88.3106, 95.8213, 108.4486



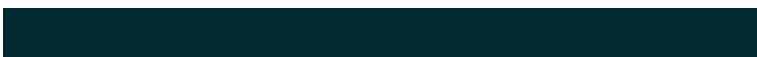
63.3931, 66.8699, 77.9734



13.6083, 14.7972, 16.7911



19.9616, 27.7925, 44.0508



1.3213, 1.8567, 2.8632

Previews

White Background



This preview shows how the XYZ color 64.3740, 66.0688, 69.6813 looks on a white background.

Color Contrast Check

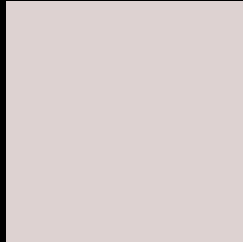
Large Text (above 18pt) WCAG AA × Fail

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 64.3740, 66.0688, 69.6813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

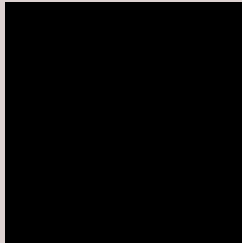
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

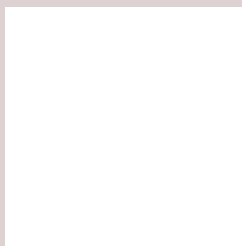
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.3740, 66.0688, 69.6813

Background



This preview shows how black text looks on a background with the XYZ color 64.3740, 66.0688, 69.6813.

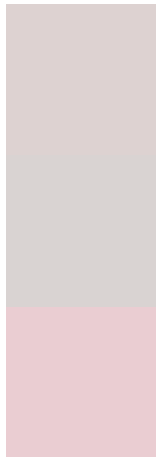


This preview shows how white text looks on a background with the XYZ color 64.3740, 66.0688,

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

64.3740, 66.0688, 69.6813

Protanopia

63.5424, 65.9934, 70.3617

Deuteranopia

67.3959, 65.8082, 70.1229



Tritanopia

66.4418, 66.1815, 79.7935

Trichromacy



Original Color

64.3740, 66.0688, 69.6813

Protanomaly

63.8406, 66.1471, 70.3757

Deuteranomaly

66.2588, 65.9368, 70.2076

Tritanomaly

65.7108, 66.2450, 76.3411

Monochromacy



Original Color

64.3740, 66.0688, 69.6813

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.7461, 66.4394, 71.7517

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3740, 66.0688, 69.6813 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(221, 210, 209) looks like.

```
.text, #text, p{  
    color:rgb(221, 210, 209)  
}
```

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(221, 210, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 210, 209) }
```

Border

The CSS property to change the border of an element to XYZ 64.3740, 66.0688, 69.6813 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(221, 210, 209) }
```


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

```
.border{ border-color:rgb(221, 210, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 210, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 210, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 210, 209);  
box-shadow:4px 4px 4px 4px rgb(221, 210,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3740, 66.0688, 69.6813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 210, 209) }
```

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

```
.background{ background-color: rgb(221,  
210, 209) }
```

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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