

Converting Colors

XYZ(63.9648, 65.9067, 73.7976)

Have a look what the booklet for
XYZ(63.9648, 65.9067, 73.7976)
contains.

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Color

**XYZ(63.9276, 65.7512,
73.6119)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D2D7
RGB	217, 210, 215
RGB Percent	85%, 82%, 84%
CMY	0.1490, 0.1765, 0.1569
CMYK	0.00, 0.03, 0.01, 0.15
HSL	317°, 8%, 84%
HSV	317°, 3%, 85%
XYZ	63.9276, 65.7512, 73.6119
YIQ	212.6630, 2.5670, 3.0390

Conversions

Conversions Part 2

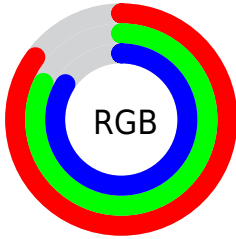
Format	Color
R _Y B	217, 210, 215
Decimal	14275287
CIE Lab	84.87, 3.30, -1.62
CIE LCh	85, 3.675, 333.833
Yxy	65.7512, 0.3145, 0.3234
Android (android.graphics.Color)	4292465367 (0xFFD9D2D7)
YUV	212.6630, 1.1521, 3.8035
Hunter-Lab	81.0871, -1.1763, 2.9368

Details

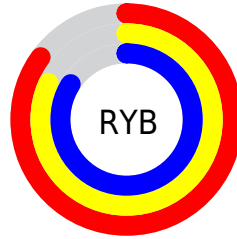
The XYZ color **63.9276, 65.7512, 73.6119** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2773, 68.0825, 72.0969**, and the grayscale version is **63.0137, 66.2953, 72.1956**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.1339, 33.9964, 38.0733** is the 20% darker color. If you saturate the color by 10%, you get **58.1478, 55.4423, 67.8276**, and if you desaturate by 10%, it is **70.4678, 77.5307, 79.8004**.

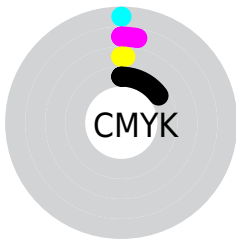
Distribution



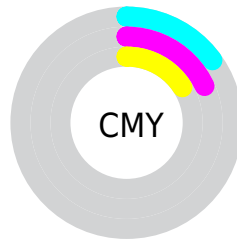
- Red (85%)
- Green (82%)
- Blue (84%)



- Red (85%)
- Yellow (82%)
- Blue (84%)



- Cyan (0%)
- Magenta (3%)
- Yellow (1%)
- Black (15%)



- Cyan (15%)
- Magenta (18%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9276, 65.7512, 73.6119 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 63.9276, 65.7512, 73.6119 by changing the saturation by 10% instead.

■ 63.9276, 65.7512,
73.6119

■ 63.9276, 65.7512,
73.6119

428.5345,
445.4866, 492.2604

■ 46.8535, 48.0705,
53.9816

109.5810,
113.1292, 126.0745

■ 33.1273, 33.8827,
38.1939

138.8910,
143.5952, 159.7438

■ 22.3837, 22.8035,
25.8302

173.0103,
179.0917, 198.9298

■ 14.2573, 14.4485,
16.4720

212.3043,
220.0032, 244.0512

■ 8.3827, 8.4332,
9.7008

257.1384,
266.7141, 295.5264

■ 4.3947, 4.3734,
5.0980

307.8779,

■ 1.9277, 1.8846,

319.6087, 353.7740

2.2452

364.8881,
379.0713, 419.2124

■ 0.5929, 0.5391,
0.7003

■ 0.0000, 0.0000,
0.0000

■ 63.9276, 65.7512,
73.6119

■ 63.9276, 65.7512,
73.6119

■ 58.1478, 55.4423,
67.8276

■ 70.4678, 77.5307,
79.8004

■ 53.0934, 46.5373,
62.4318

■ 77.7905, 90.8273,
86.3997

■ 48.7351, 38.9770,
57.4138

■ 79.1710, 92.1901,
91.1705

■ 45.0390, 32.6947,
52.7607

■ 80.0761, 92.5521,
95.9368

■ 41.9688, 27.6177,
48.4587

■ 81.0128, 92.9268,
100.8689

■ 39.4842, 23.6663,
44.4926

■ 81.9812, 93.3141,
105.9685

■ 37.5401, 20.7510,
40.8455

■ 82.4257, 93.4919,
108.3092

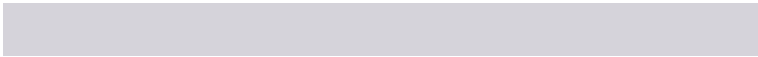
■ 36.0848, 18.7687,
37.4985

■ 35.0555, 17.5945,
34.4288

Harmonies

Analogous

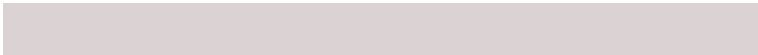
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.3810, 65.7512, 75.4282



63.9276, 65.7512, 73.6119



64.0890, 65.7512, 71.2889

Triad

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



63.9276, 65.7512, 73.6119



62.3887, 65.7512, 67.1585



61.1875, 65.7512, 74.1486

Complementary

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



63.9276, 65.7512, 73.6119



63.2773, 68.0825, 72.0969

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.



60.9267, 65.7512, 71.8957



63.9276, 65.7512, 73.6119



61.6164, 65.7512, 67.8879

Square

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



63.9276, 65.7512, 73.6119



63.1960, 65.7512, 67.5954



61.0831, 65.7512, 69.6092



61.7983, 65.7512, 75.7428

Rectangle

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



63.9276, 65.7512, 73.6119



63.9553, 65.7512, 69.7737



61.0831, 65.7512, 69.6092



61.0562, 65.7512, 73.4414

Sweetspot

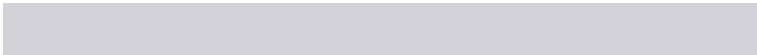
The Sweet Spot groups the original color and five complimentary colors.



63.9295, 65.7540, 73.6133



94.1247, 98.3369, 108.0137



62.7202, 65.1007, 74.9065



20.1563, 21.0657, 23.1287



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.



63.9295, 65.7540, 73.6133



91.4160, 93.4775, 105.3904



63.4869, 65.5770, 71.2825



14.0653, 14.3114, 16.2315



20.9497, 10.3809, 19.9131



1.3936, 0.6871, 1.4819

Inverse Universe

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



63.9295, 65.7540, 73.6133



91.4160, 93.4775, 105.3904



63.7213, 68.2601, 74.4346



14.0653, 14.3114, 16.2315



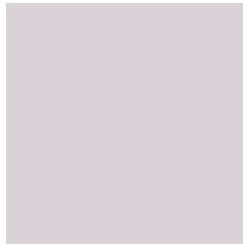
20.9497, 10.3809, 19.9131



1.3936, 0.6871, 1.4819

Previews

White Background



This preview shows how the XYZ color 63.9276, 65.7512, 73.6119 looks on a white background.

Color Contrast Check

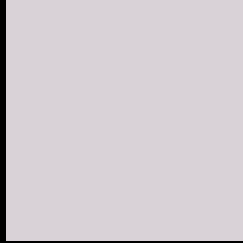
Large Text (above 18pt) WCAG AA × Fail

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 63.9276, 65.7512, 73.6119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

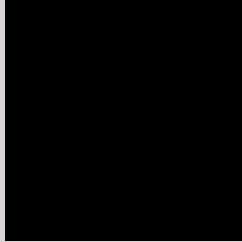
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

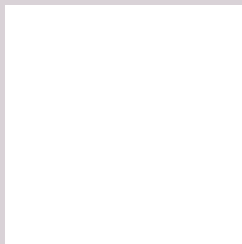
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.9276, 65.7512, 73.6119

Background



This preview shows how black text looks on a background with the XYZ color 63.9276, 65.7512, 73.6119.

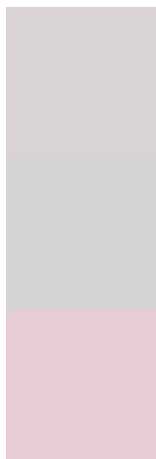


This preview shows how white text looks on a background with the XYZ color 63.9276, 65.7512,

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

63.9276, 65.7512, 73.6119

Protanopia

63.2916, 65.7910, 73.6531

Deuteranopia

66.8591, 65.4435, 74.0738



Tritanopia

65.0599, 65.4534, 80.4389

Trichromacy



Original Color

63.9276, 65.7512, 73.6119

Protanomaly

63.5843, 65.9419, 73.6668

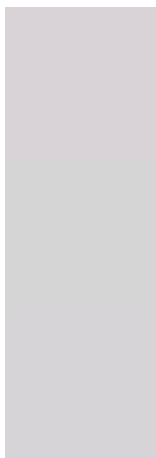
Deuteranomaly

65.7588, 65.5911, 74.1602

Tritanomaly

64.7651, 65.7268, 77.6797

Monochromacy



Original Color

63.9276, 65.7512, 73.6119

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.4126, 66.2381, 73.0614

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9276, 65.7512, 73.6119 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(217, 210, 215) looks like.

```
.text, #text, p{  
    color:rgb(217, 210, 215)  
}
```

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(217, 210, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 210, 215) }
```

Border

The CSS property to change the border of an element to XYZ 63.9276, 65.7512, 73.6119 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(217, 210, 215) }
```


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

```
.border{ border-color:rgb(217, 210, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 210, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 210, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 210, 215);  
box-shadow:4px 4px 4px 4px rgb(217, 210,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9276, 65.7512, 73.6119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 210, 215) }
```

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

```
.background{ background-color: rgb(217,  
210, 215) }
```

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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