

Converting Colors

XYZ(64.2620, 66.8376, 72.7972)

Have a look what the booklet for
XYZ(64.2620, 66.8376, 72.7972)
contains.

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Color

**XYZ(64.2964, 66.6937,
73.1027)**

Conversions

Conversions Part 1

Format	Color
Hex	D9D4D6
RGB	217, 212, 214
RGB Percent	85%, 83%, 84%
CMY	0.1490, 0.1686, 0.1608
CMYK	0.00, 0.02, 0.01, 0.15
HSL	336°, 6%, 84%
HSV	336°, 2%, 85%
XYZ	64.2964, 66.6937, 73.1027
YIQ	213.7230, 2.3380, 1.6820

Conversions

Conversions Part 2

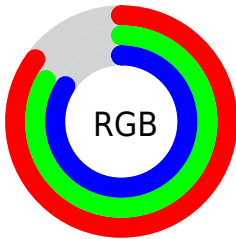
Format	Color
R _Y B	217, 212, 214
Decimal	14275798
CIE Lab	85.35, 2.07, -0.39
CIE LCh	85, 2.107, 349.395
Yxy	66.6937, 0.3150, 0.3268
Android (android.graphics.Color)	4292465878 (0xFFD9D4D6)
YUV	213.7230, 0.1366, 2.8739
Hunter-Lab	81.6662, -2.3815, 4.0935

Details

The XYZ color **64.2964, 66.6937, 73.1027** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2325, 68.5309, 74.1359**, and the grayscale version is **63.7300, 67.0489, 73.0162**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.2153, 34.2985, 37.6705** is the 20% darker color. If you saturate the color by 10%, you get **57.6346, 55.9268, 62.9982**, and if you desaturate by 10%, it is **71.8242, 78.9777, 84.1543**.

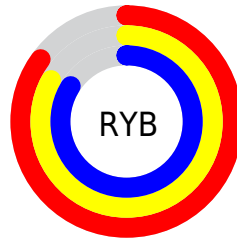
Distribution



Red (85%)

Green (83%)

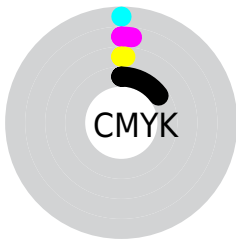
Blue (84%)



Red (85%)

Yellow (83%)

Blue (84%)

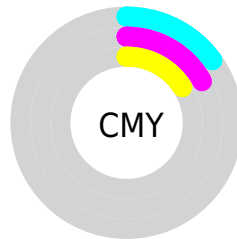


Cyan (0%)

Magenta (2%)

Yellow (1%)

Black (15%)



Cyan (15%)

Magenta (17%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.2964, 66.6937, 73.1027 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 64.2964, 66.6937, 73.1027 by changing the saturation by 10% instead.

■ 64.2964, 66.6937,
73.1027

■ 64.2964, 66.6937,
73.1027

429.8445,
448.8537, 490.4510

■ 47.1534, 48.8357,
53.5676

110.1090,
114.4814, 125.3453

■ 33.3654, 34.4892,
37.8653

139.5094,
145.1799, 158.8898

■ 22.5671, 23.2697,
25.5771

173.7261,
180.9275, 197.9413

■ 14.3931, 14.7928,
16.2846

213.1247,
222.1084, 242.9182

■ 8.4781, 8.6741,
9.5692

258.0705,
269.1071, 294.2391

■ 4.4567, 4.5292,
5.0125

308.9288,

■ 1.9636, 1.9738,

322.3079, 352.3225

2.1957

366.0650,
382.0953, 417.5869

■ 0.6134, 0.5922,
0.6719

■ 0.0000, 0.0000,
0.0000

■ 64.2964, 66.6937,
73.1027

■ 64.2964, 66.6937,
73.1027

■ 57.6346, 55.9268,
62.9982

■ 71.8242, 78.9777,
84.1543

■ 51.8011, 46.6094,
53.8104

■ 80.1130, 92.5669,
96.1304

■ 46.7639, 38.6814,
45.5137

■ 82.1199, 93.3696,
106.6984

■ 42.4864, 32.0755,
38.0795

■ 82.4258, 93.4920,
108.3092

■ 38.9294, 26.7183,
31.4774

■ 36.0496, 22.5296,
25.6752

■ 33.7993, 19.4195,
20.6379

■ 32.1234, 17.2848,
16.3275

■ 30.9569, 16.0018,
12.7012

Harmonies

Analogous

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



64.0894, 66.6937, 74.3416



64.2964, 66.6937, 73.1027



64.2597, 66.6937, 71.7491

Triad

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



64.2964, 66.6937, 73.1027



63.0862, 66.6937, 70.1679



62.7951, 66.6937, 74.6312

Complementary

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



64.2964, 66.6937, 73.1027



64.2325, 68.5309, 74.1359

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.



62.5289, 66.6937, 73.4941



64.2964, 66.6937, 73.1027



62.6964, 66.6937, 70.9215

Square

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



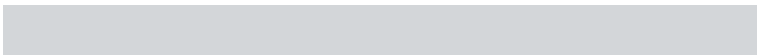
64.2964, 66.6937, 73.1027



63.5593, 66.6937, 70.0660



62.4929, 66.6937, 72.1356



63.2217, 66.6937, 75.2314

Rectangle

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



64.2964, 66.6937, 73.1027



64.1020, 66.6937, 70.9633



62.4929, 66.6937, 72.1356



62.6840, 66.6937, 74.2985

Sweetspot

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



64.2983, 66.6966, 73.1041



93.9963, 98.2856, 107.3375



64.0946, 66.5469, 75.1134



20.1302, 21.0552, 22.9911



0.0000, 0.0000, 0.0000



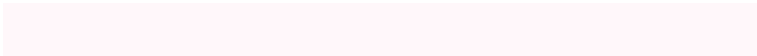
20.3446, 21.4041, 23.3091

Same Dimension

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



64.2983, 66.6966, 73.1041



91.9271, 94.9235, 104.2541



64.1699, 66.8454, 71.8110



14.1202, 14.5115, 15.9712



18.4051, 9.3631, 6.5135



1.2342, 0.6233, 0.6422

Inverse Universe

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



64.2983, 66.6966, 73.1041



91.9271, 94.9235, 104.2541



64.3621, 68.3770, 75.4526



14.1202, 14.5115, 15.9712



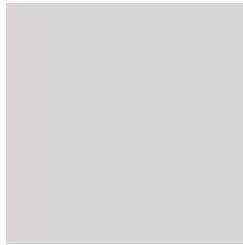
18.4051, 9.3631, 6.5135



1.2342, 0.6233, 0.6422

Previews

White Background



This preview shows how the XYZ color 64.2964, 66.6937, 73.1027 looks on a white background.

Color Contrast Check

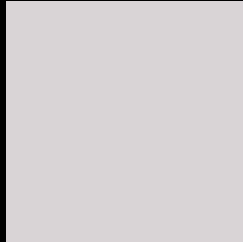
Large Text (above 18pt) WCAG AA × Fail

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 64.2964, 66.6937, 73.1027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

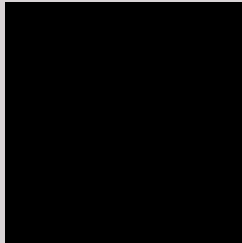
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

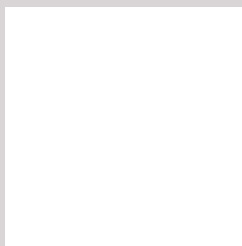
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.2964, 66.6937, 73.1027

Background



This preview shows how black text looks on a background with the XYZ color 64.2964, 66.6937, 73.1027.

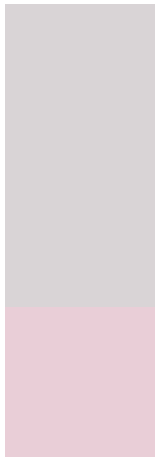


This preview shows how white text looks on a background with the XYZ color 64.2964, 66.6937,

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

64.2964, 66.6937, 73.1027

Protanopia

64.2964, 66.6937, 73.1027

Deuteranopia

67.9413, 66.3725, 73.5203



Tritanopia

66.1251, 66.6993, 82.0621

Trichromacy



Original Color

64.2964, 66.6937, 73.1027

Protanomaly

64.2964, 66.6937, 73.1027

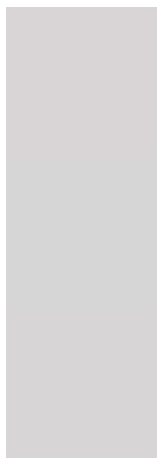
Deuteranomaly

66.5002, 66.3489, 73.5917

Tritanomaly

65.3925, 66.7679, 78.5482

Monochromacy



Original Color

64.2964, 66.6937, 73.1027

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

63.9562, 66.8906, 73.1587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.2964, 66.6937, 73.1027 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, 212, 214) looks like.

```
.text, #text, p{  
    color:rgb(217, 212, 214)  
}
```

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, 212, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 212, 214) }
```

Border

The CSS property to change the border of an element to XYZ 64.2964, 66.6937, 73.1027 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, 212, 214) }
```


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

```
.border{ border-color:rgb(217, 212, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 212, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 212, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 212, 214);  
box-shadow:4px 4px 4px 4px rgb(217, 212,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 64.2964, 66.6937, 73.1027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 212, 214) }
```

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

```
.background{ background-color: rgb(217,  
212, 214) }
```

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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