

Converting Colors

XYZ(63.6217, 64.1696, 73.7783)

Have a look what the booklet for
XYZ(63.6217, 64.1696, 73.7783)
contains.

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Color

**XYZ(63.6794, 64.1606,
73.9937)**

Conversions

Conversions Part 1

Format	Color
Hex	DBCED8
RGB	219, 206, 216
RGB Percent	86%, 81%, 85%
CMY	0.1412, 0.1921, 0.1529
CMYK	0.00, 0.06, 0.01, 0.14
HSL	314°, 15%, 83%
HSV	314°, 6%, 86%
XYZ	63.6794, 64.1606, 73.9937
YIQ	211.0270, 4.5380, 5.8660

Conversions

Conversions Part 2

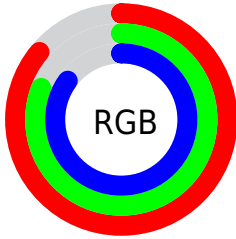
Format	Color
R _Y B	219, 206, 216
Decimal	14405336
CIE Lab	84.05, 6.27, -3.34
CIE LCh	84, 7.099, 331.957
Yxy	64.1606, 0.3155, 0.3179
Android (android.graphics.Color)	4292595416 (0xFFDBCED8)
YUV	211.0270, 2.4517, 6.9923
Hunter-Lab	80.1003, 1.7312, 1.3003

Details

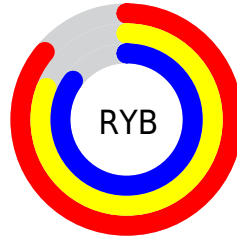
The XYZ color **63.6794, 64.1606, 73.9937** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2962, 68.3900, 70.2422**, and the grayscale version is **61.9185, 65.1431, 70.9408**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.9711, 32.9222, 38.3351** is the 20% darker color. If you saturate the color by 10%, you get **58.1273, 54.0854, 68.9685**, and if you desaturate by 10%, it is **69.9899, 75.7185, 79.3725**.

Distribution



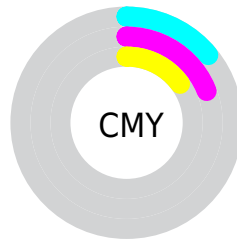
- Red (86%)
- Green (81%)
- Blue (85%)



- Red (86%)
- Yellow (81%)
- Blue (85%)



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (14%)



- Cyan (14%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.6794, 64.1606, 73.9937 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 63.6794, 64.1606, 73.9937 by changing the saturation by 10% instead.

■ 63.6794, 64.1606,
73.9937

■ 63.6794, 64.1606,
73.9937

427.6516,
439.7694, 493.6144

■ 46.6518, 46.7808,
54.2921

109.2254,
110.8422, 126.6208

■ 32.9672, 32.8624,
38.4405

138.4745,
140.9127, 160.3835

■ 22.2605, 22.0210,
26.0203

172.5281,
175.9823, 199.6702

■ 14.1661, 13.8724,
16.6129

211.7516,
216.4353, 244.8996

■ 8.3187, 8.0319,
9.7999

256.5104,
262.6561, 296.4902

■ 4.3531, 4.1154,
5.1626

307.1697,

■ 1.9038, 1.7383,

315.0291, 354.8605

2.2826

364.0950,
373.9387, 420.4291

■ 0.5790, 0.4483,
0.7214

■ 0.0000, 0.0000,
0.0000

■ 63.6794, 64.1606,
73.9937

■ 63.6794, 64.1606,
73.9937

■ 58.1273, 54.0854,
68.9685

■ 69.9899, 75.7185,
79.3725

■ 53.2976, 45.4242,
64.2816

■ 77.0819, 88.8078,
85.1111

■ 49.1598, 38.1150,
59.9228

■ 79.4213, 92.3593,
89.3664

■ 45.6788, 32.0882,
55.8796

■ 80.1465, 92.6493,
93.1855

■ 42.8166, 27.2679,
52.1382

■ 80.8925, 92.9478,
97.1141

■ 40.5310, 23.5701,
48.6837

■ 81.6596, 93.2546,
101.1532

■ 38.7744, 20.9000,
45.4993

■ 82.4477, 93.5698,
105.3035

■ 37.4916, 19.1472,
42.5656

■ 83.0238, 93.8003,
108.3372

■ 36.6139, 18.1749,
39.8589

Harmonies

Analogous

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



62.5905, 64.1606, 77.4360



63.6794, 64.1606, 73.9937



64.0422, 64.1606, 69.5659

Triad

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



63.6794, 64.1606, 73.9937



60.8800, 64.1606, 61.5901



58.4632, 64.1606, 74.5249

Complementary

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



63.6794, 64.1606, 73.9937



62.2962, 68.3900, 70.2422

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.



58.0223, 64.1606, 70.1549



63.6794, 64.1606, 73.9937



59.4027, 64.1606, 62.7950

Square

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



63.6794, 64.1606, 73.9937



62.4095, 64.1606, 62.5212



58.3633, 64.1606, 65.8832



59.5778, 64.1606, 77.7518

Rectangle

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



63.6794, 64.1606, 73.9937



63.8186, 64.1606, 66.6846



58.3633, 64.1606, 65.8832



58.2321, 64.1606, 73.1346

Sweetspot

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



63.6812, 64.1634, 73.9951



93.2556, 96.7135, 107.3696



61.1028, 62.7889, 75.9177



19.9793, 20.7351, 22.9976



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.



63.6812, 64.1634, 73.9951



88.9612, 88.8727, 103.6327



62.8803, 63.8430, 69.7776



13.7156, 13.6510, 15.9950



21.5817, 10.6337, 23.2408



1.4301, 0.7017, 1.6740

Inverse Universe

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



63.6812, 64.1634, 73.9951



88.9612, 88.8727, 103.6327



63.0937, 68.7090, 74.4419



13.7156, 13.6510, 15.9950



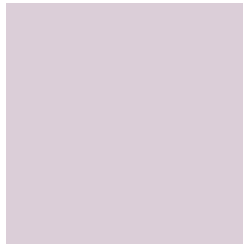
21.5817, 10.6337, 23.2408



1.4301, 0.7017, 1.6740

Previews

White Background



This preview shows how the XYZ color 63.6794, 64.1606, 73.9937 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 63.6794, 64.1606, 73.9937 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

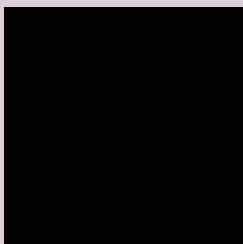
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

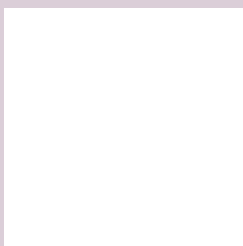
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 63.6794, 64.1606, 73.9937

Background



This preview shows how black text looks on a background with the XYZ color 63.6794, 64.1606, 73.9937.



This preview shows how white text looks on a background with the XYZ color 63.6794, 64.1606,

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

63.6794, 64.1606, 73.9937

Protanopia

61.9442, 63.9704, 74.7283

Deuteranopia

65.5589, 64.0525, 74.5537



Tritanopia

64.3977, 64.0987, 77.3848

Trichromacy



Original Color

63.6794, 64.1606, 73.9937

Protanomaly

62.5688, 63.9315, 74.6879

Deuteranomaly

64.8577, 64.0428, 74.5888

Tritanomaly

64.1327, 63.9928, 75.9895

Monochromacy



Original Color

63.6794, 64.1606, 73.9937

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.5423, 64.7012, 72.1430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.6794, 64.1606, 73.9937 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(219, 206, 216) looks like.

```
.text, #text, p{  
    color:rgb(219, 206, 216)  
}
```

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(219, 206, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 206, 216) }
```

Border

The CSS property to change the border of an element to XYZ 63.6794, 64.1606, 73.9937 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(219, 206, 216) }
```


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

```
.border{ border-color:rgb(219, 206, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 206, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 206, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 206, 216);  
box-shadow:4px 4px 4px 4px rgb(219, 206,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 63.6794, 64.1606, 73.9937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 206, 216) }
```

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

```
.background{ background-color: rgb(219,  
206, 216) }
```

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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