

Converting Colors

XYZ(63.2810, 64.6922, 74.6269)

Have a look what the booklet for
XYZ(63.2810, 64.6922, 74.6269)
contains.

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Color

**XYZ(63.3992, 64.7204,
74.7964)**

Conversions

Conversions Part 1

Format	Color
Hex	D8D0D9
RGB	216, 208, 217
RGB Percent	85%, 82%, 85%
CMY	0.1529, 0.1843, 0.1490
CMYK	0.00, 0.04, 0.00, 0.15
HSL	293°, 11%, 83%
HSV	293°, 4%, 85%
XYZ	63.3992, 64.7204, 74.7964
YIQ	211.4180, 1.8790, 4.4950

Conversions

Conversions Part 2

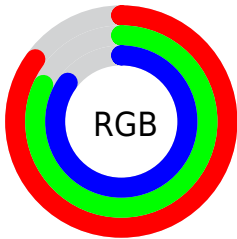
Format	Color
R _Y B	216, 208, 217
Decimal	14209241
CIE Lab	84.34, 4.37, -3.47
CIE LCh	84, 5.582, 321.556
Yxy	64.7204, 0.3124, 0.3190
Android (android.graphics.Color)	4292399321 (0xFFD8D0D9)
YUV	211.4180, 2.7519, 4.0184
Hunter-Lab	80.4490, -0.1158, 1.1902

Details

The XYZ color **63.3992, 64.7204, 74.7964** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4948, 67.7367, 69.4584**, and the grayscale version is **62.1763, 65.4143, 71.2362**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **32.7751, 33.2969, 38.8819** is the 20% darker color. If you saturate the color by 10%, you get **57.7599, 54.4908, 73.1201**, and if you desaturate by 10%, it is **69.7765, 76.4086, 76.7173**.

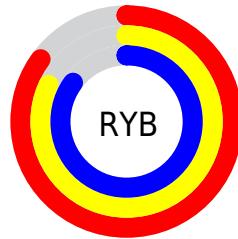
Distribution



Red (85%)

Green (82%)

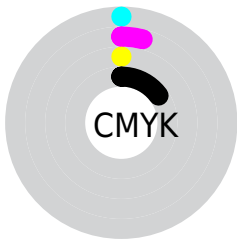
Blue (85%)



Red (85%)

Yellow (82%)

Blue (85%)

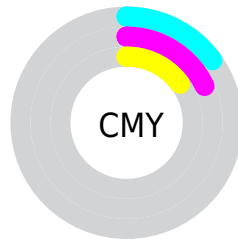


Cyan (0%)

Magenta (4%)

Yellow (0%)

Black (15%)



Cyan (15%)

Magenta (18%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.3992, 64.7204, 74.7964 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 63.3992, 64.7204, 74.7964 by changing the saturation by 10% instead.

■ 63.3992, 64.7204,
74.7964

■ 63.3992, 64.7204,
74.7964

426.6535,
441.7865, 496.4542

■ 46.4241, 47.2344,
54.9454

108.8238,
111.6478, 127.7686

■ 32.7866, 33.2210,
38.9597

138.0040,
141.8580, 161.7268

■ 22.1215, 22.2958,
26.4208

171.9833,
177.0783, 201.2245

■ 14.0633, 14.0744,
16.9101

211.1271,
217.6932, 246.6802

■ 8.2467, 8.1724,
10.0091

255.8006,
264.0871, 298.5125

■ 4.3063, 4.2055,
5.2993

306.3693,

■ 1.8769, 1.7892,

316.6444, 357.1399

2.3621

363.1985,
375.7494, 422.9810

■ 0.5633, 0.4804,
0.7657

■ 0.0000, 0.0000,
0.0000

■ 63.3992, 64.7204,
74.7964

■ 63.3992, 64.7204,
74.7964

■ 57.7599, 54.4908,
73.1201

■ 69.7765, 76.4086,
76.7173

■ 52.8238, 45.6531,
71.6744

■ 76.9138, 89.6022,
78.8878

■ 48.5616, 38.1476,
70.4503

■ 78.7886, 92.2552,
79.3010

■ 44.9395, 31.9072,
69.4367

■ 79.5379, 92.6415,
79.3361

41.9212, 26.8590,
68.6214

80.2979, 93.0333,
79.3717

39.4663, 22.9225,
67.9910

81.0685, 93.4306,
79.4077

37.5296, 20.0072,
67.5303

81.8498, 93.8334,
79.4443

36.0587, 18.0085,
67.2221

82.6419, 94.2417,
79.4814

34.9900, 16.7993,
67.0450

83.4448, 94.6556,
79.5189

Harmonies

Analogous

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



62.3941, 64.7204, 77.0061



63.3992, 64.7204, 74.7964



63.9010, 64.7204, 71.4760

Triad

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



63.3992, 64.7204, 74.7964



61.8652, 64.7204, 63.9351



59.3260, 64.7204, 73.0056

Complementary

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



63.3992, 64.7204, 74.7964



62.4948, 67.7367, 69.4584

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.



59.1887, 64.7204, 69.4725



63.3992, 64.7204, 74.7964



60.6438, 64.7204, 64.3137

Square

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



63.3992, 64.7204, 74.7964



63.0076, 64.7204, 65.2608



59.6681, 64.7204, 66.3128



60.0457, 64.7204, 75.9483

Rectangle

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



63.3992, 64.7204, 74.7964



63.8780, 64.7204, 69.1119



59.6681, 64.7204, 66.3128



59.2106, 64.7204, 71.8448

Sweetspot

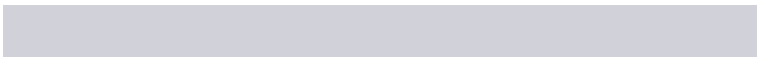
The Sweet Spot groups the original color and five complimentary colors.



63.4011, 64.7232, 74.7978



94.1377, 98.3301, 108.6258



61.3522, 64.0481, 74.7755



20.1590, 21.0643, 23.2533



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.



63.4011, 64.7232, 74.7978



90.5973, 91.8655, 107.5646



63.2533, 64.6983, 72.4735



13.9495, 14.0789, 16.6344



20.9332, 9.9157, 40.5490



1.3977, 0.6638, 2.6289

Inverse Universe

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



62.6820, 64.4698, 69.4648



89.3452, 91.4246, 98.2606



62.6419, 67.7630, 71.7046



13.7329, 14.0027, 15.0230



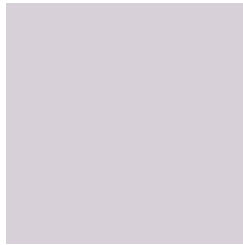
17.4420, 8.9778, 1.4417



1.1502, 0.5897, 0.1997

Previews

White Background



This preview shows how the XYZ color 63.3992, 64.7204, 74.7964 looks on a white background.

Color Contrast Check

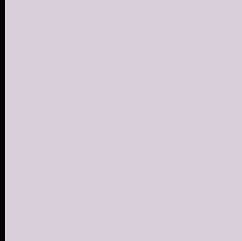
Large Text (above 18pt) WCAG AA × Fail

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 63.3992, 64.7204, 74.7964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

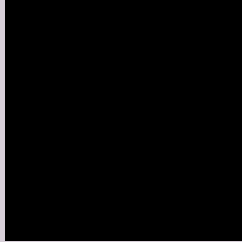
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.3992, 64.7204, 74.7964

Background



This preview shows how black text looks on a background with the XYZ color 63.3992, 64.7204, 74.7964.

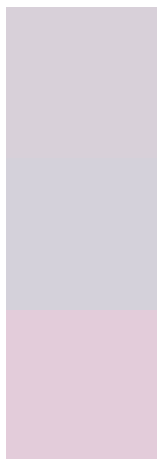


This preview shows how white text looks on a background with the XYZ color 63.3992, 64.7204,

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

63.3992, 64.7204, 74.7964

Protanopia

62.6067, 64.6599, 75.5106

Deuteranopia

65.9263, 64.5786, 75.3199



Tritanopia

64.2474, 64.7051, 78.9152

Trichromacy



Original Color

63.3992, 64.7204, 74.7964

Protanomaly

62.8959, 64.8090, 75.5241

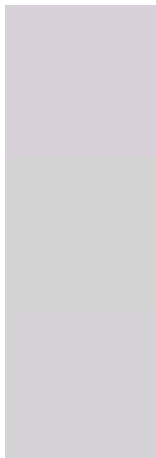
Deuteranomaly

64.9176, 64.4126, 75.3410

Tritanomaly

63.9792, 64.5978, 77.5032

Monochromacy



Original Color

63.3992, 64.7204, 74.7964

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.4974, 65.0434, 72.2115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.3992, 64.7204, 74.7964 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(216, 208, 217) looks like.

```
.text, #text, p{  
    color:rgb(216, 208, 217)  
}
```

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(216, 208, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 208, 217) }
```

Border

The CSS property to change the border of an element to XYZ 63.3992, 64.7204, 74.7964 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(216, 208, 217) }
```


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

```
.border{ border-color:rgb(216, 208, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 208, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 208, 217); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 208, 217); box-shadow:4px 4px 4px 4px rgb(216, 208, 217) }
```

Background

The CSS property to change the background color of an element to XYZ 63.3992, 64.7204, 74.7964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 208, 217) }
```

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

```
.background{ background-color: rgb(216,  
208, 217) }
```

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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