

Converting Colors

XYZ(64.0996, 61.4521, 84.8270)

Have a look what the booklet for
XYZ(64.0996, 61.4521, 84.8270)
contains.

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Color

**XYZ(63.9730, 61.2744,
84.7993)**

Conversions

Conversions Part 1

Format	Color
Hex	DBC6E8
RGB	219, 198, 232
RGB Percent	86%, 78%, 91%
CMY	0.1412, 0.2235, 0.0902
CMYK	0.06, 0.15, 0.00, 0.09
HSL	277°, 42%, 84%
HSV	277°, 15%, 91%
XYZ	63.9730, 61.2744, 84.7993
YIQ	208.1550, 1.6020, 15.0260

Conversions

Conversions Part 2

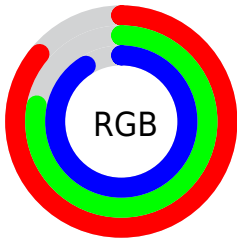
Format	Color
R _Y B	219, 198, 232
Decimal	14403304
CIE Lab	82.53, 13.50, -14.14
CIE LCh	83, 19.549, 313.684
Yxy	61.2744, 0.3046, 0.2917
Android (android.graphics.Color)	4292593384 (0xFFDBC6E8)
YUV	208.1550, 11.7556, 9.5111
Hunter-Lab	78.2780, 8.8934, -9.4349

Details

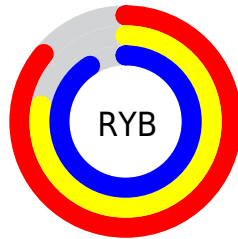
The XYZ color **63.9730, 61.2744, 84.7993** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **65.9157, 75.6408, 64.5550**, and the grayscale version is **59.9817, 63.1054, 68.7218**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.1196, 30.9736, 45.3072** is the 20% darker color. If you saturate the color by 10%, you get **56.4732, 50.1311, 83.0446**, and if you desaturate by 10%, it is **72.4309, 74.1207, 86.8340**.

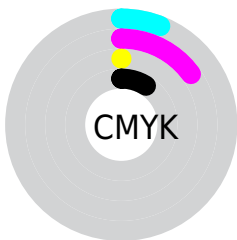
Distribution



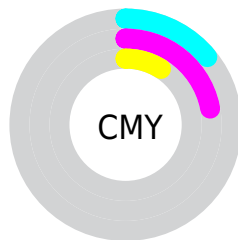
- Red (86%)
- Green (78%)
- Blue (91%)



- Red (86%)
- Yellow (78%)
- Blue (91%)



- Cyan (6%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)



- Cyan (14%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 63.9730, 61.2744, 84.7993 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 63.9730, 61.2744, 84.7993 by changing the saturation by 10% instead.

63.9730, 61.2744,
84.7993

63.9730, 61.2744,
84.7993

428.6959,
429.2794, 531.0910

46.8904, 44.4467,
63.1264

109.6460,
106.6761, 141.9644

33.1566, 31.0218,
45.5018

138.9671,
136.0189, 178.2937

22.4063, 20.6155,
31.5070

173.0985,
170.3022, 220.3454

14.2740, 12.8432,
20.7235

212.4054,
209.9103, 268.5383

8.3944, 7.3207,
12.7328

257.2532,
255.2277, 323.2907

4.4023, 3.6634,
7.1163

308.0074,

1.9321, 1.4871,

306.6388, 385.0213

3.4554

365.0331,
364.5279, 454.1485

■ 0.5954, 0.2796,
1.3316

■ 0.0000, 0.0000,
0.0875

■ 63.9730, 61.2744,
84.7993

■ 63.9730, 61.2744,
84.7993

■ 56.4732, 50.1311,
83.0446

■ 72.4309, 74.1207,
86.8340

■ 49.8871, 40.6081,
81.5536

■ 81.8780, 88.7322,
89.1564

■ 44.1745, 32.6276,
80.3143

■ 88.1969, 96.8696,
90.3941

■ 39.2898, 26.1019,
79.3122

■ 91.3769, 98.5090,
90.5429

■ 35.1832, 20.9346,
78.5313

■ 91.5657, 98.6063,
90.5517

■ 31.7984, 17.0168,
77.9534

■ 29.0705, 14.2226,
77.5579

■ 26.9208, 12.3981,
77.3190

■ 25.9436, 11.6918,
77.2342

Harmonies

Analogous

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



60.1630, 61.2744, 91.6933



63.9730, 61.2744, 84.7993



66.3044, 61.2744, 73.3998

Triad

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



63.9730, 61.2744, 84.7993



60.5283, 61.2744, 46.9628



50.7693, 61.2744, 72.3163

Complementary

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



63.9730, 61.2744, 84.7993



65.9157, 75.6408, 64.5550

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.



50.8566, 61.2744, 60.4534



63.9730, 61.2744, 84.7993



56.3574, 61.2744, 46.7464

Square

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



63.9730, 61.2744, 84.7993



64.2515, 61.2744, 52.0393



52.8592, 61.2744, 51.4080



52.6147, 61.2744, 83.9247

Rectangle

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



63.9730, 61.2744, 84.7993



66.6400, 61.2744, 65.2482



52.8592, 61.2744, 51.4080



50.5764, 61.2744, 68.2085

Sweetspot

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



63.9748, 61.2770, 84.8006



90.4616, 92.9316, 107.7775



61.1590, 64.4395, 85.5595



19.1826, 19.6152, 23.0250



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.



63.9748, 61.2770, 84.8006



75.9502, 70.9519, 104.2998



67.4827, 63.1498, 82.0566



14.4334, 14.3256, 18.1487



14.5473, 6.5653, 42.8837



1.1778, 0.5381, 3.1738

Inverse Universe

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



65.2327, 62.2497, 70.2080



77.8820, 72.4368, 82.2976



62.8042, 73.9832, 66.8292



14.6039, 14.4587, 16.1145



19.5262, 9.9447, 6.3999



1.4871, 0.7526, 0.7056

Previews

White Background



This preview shows how the XYZ color 63.9730, 61.2744, 84.7993 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 63.9730, 61.2744, 84.7993 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

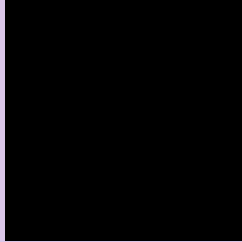
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 63.9730, 61.2744, 84.7993

Background



This preview shows how black text looks on a background with the XYZ color 63.9730, 61.2744, 84.7993.



This preview shows how white text looks on a background with the XYZ color 63.9730, 61.2744,

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

63.9730, 61.2744, 84.7993

Protanopia

60.5526, 61.5212, 88.0402

Deuteranopia

62.6603, 61.2809, 84.8698



Tritanopia

61.8966, 61.4829, 73.5708

Trichromacy



Original Color

63.9730, 61.2744, 84.7993

Protanomaly

61.8481, 61.5046, 87.2091

Deuteranomaly

63.0132, 61.1201, 84.8201

Tritanomaly

62.7525, 61.4879, 77.6682

Monochromacy



Original Color

63.9730, 61.2744, 84.7993

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

61.2686, 62.1925, 74.4208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 63.9730, 61.2744, 84.7993 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, 198, 232)` looks like.

```
.text, #text, p{  
    color:rgb(219, 198, 232)  
}
```

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, 198, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 198, 232) }
```

Border

The CSS property to change the border of an element to XYZ 63.9730, 61.2744, 84.7993 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, 198, 232) }
```


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

```
.border{ border-color:rgb(219, 198, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 198, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 198, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 198, 232);  
box-shadow:4px 4px 4px 4px rgb(219, 198,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 63.9730, 61.2744, 84.7993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 198, 232) }
```

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

```
.background{ background-color: rgb(219,  
198, 232) }
```

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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