

Converting Colors

XYZ(66.9507, 66.8842, 76.3991)

Have a look what the booklet for
XYZ(66.9507, 66.8842, 76.3991)
contains.

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Color

**XYZ(66.9507, 66.8842,
76.3991)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D1DB
RGB	226, 209, 219
RGB Percent	89%, 82%, 86%
CMY	0.1137, 0.1804, 0.1412
CMYK	0.00, 0.08, 0.03, 0.11
HSL	325°, 23%, 85%
HSV	325°, 8%, 89%
XYZ	66.9507, 66.8842, 76.3991
YIQ	215.2230, 6.9220, 6.7140

Conversions

Conversions Part 2

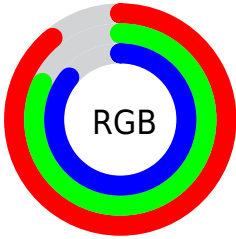
Format	Color
R _Y B	226, 209, 219
Decimal	14864859
CIE Lab	85.45, 7.61, -2.82
CIE LCh	85, 8.118, 339.709
Yxy	66.8842, 0.3185, 0.3181
Android (android.graphics.Color)	4293054939 (0xFFE2D1DB)
YUV	215.2230, 1.8621, 9.4514
Hunter-Lab	81.7828, 3.0075, 1.8609

Details

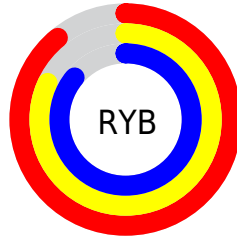
The XYZ color **66.9507, 66.8842, 76.3991** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.8881, 72.9077, 75.5693**, and the grayscale version is **64.7285, 68.0994, 74.1603**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.2168, 34.7810, 39.9792** is the 20% darker color. If you saturate the color by 10%, you get **60.6035, 56.0957, 68.4061**, and if you desaturate by 10%, it is **74.1568, 79.2790, 85.0181**.

Distribution



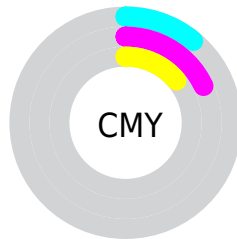
- Red (89%)
- Green (82%)
- Blue (86%)



- Red (89%)
- Yellow (82%)
- Blue (86%)



- Cyan (0%)
- Magenta (8%)
- Yellow (3%)
- Black (11%)



- Cyan (11%)
- Magenta (18%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9507, 66.8842, 76.3991 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 66.9507, 66.8842, 76.3991 by changing the saturation by 10% instead.

66.9507, 66.8842,
76.3991

66.9507, 66.8842,
76.3991

439.2045,
449.5325, 502.0959

49.3151, 48.9905,
56.2512

113.9000,
114.7545, 130.0562

35.0851, 34.6120,
39.9990

143.9443,
145.4998, 164.4024

23.8952, 23.3641,
27.2240

178.8557,
181.2979, 204.3185

15.3802, 14.8626,
17.5076

218.9994,
222.5331, 250.2230

9.1747, 8.7230,
10.4313

264.7407,
269.5897, 302.5345

4.9134, 4.5610,
5.5765

316.4451,

2.2307, 1.9920,

322.8522, 361.6714

2.5247

374.4779,
382.7050, 428.0524

■ 0.7589, 0.6028,
0.8532

■ 0.0000, 0.0000,
0.0000

■ 66.9507, 66.8842,
76.3991

■ 66.9507, 66.8842,
76.3991

■ 60.6035, 56.0957,
68.4061

■ 74.1568, 79.2790,
85.0181

■ 55.0755, 46.8384,
61.0179

■ 82.2480, 93.3338,
94.2749

■ 50.3321, 39.0442,
54.2184

■ 83.9015, 94.3998,
101.7343

■ 46.3340, 32.6366,
47.9885

■ 85.1744, 94.9090,
108.4378

■ 43.0385, 27.5319,
42.3082

■ 40.3983, 23.6372,
37.1556

■ 38.3596, 20.8475,
32.5065

■ 36.8598, 19.0393,
28.3336

■ 35.8146, 18.0464,
24.6020

Harmonies

Analogous

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



65.8606, 66.8842, 80.9086



66.9507, 66.8842, 76.3991



67.1258, 66.8842, 71.1287

Triad

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



66.9507, 66.8842, 76.3991



62.9761, 66.8842, 63.2804



60.8862, 66.8842, 79.4983

Complementary

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



66.9507, 66.8842, 76.3991



65.8881, 72.9077, 75.5693

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.



60.1448, 66.8842, 74.5491



66.9507, 66.8842, 76.3991



61.3360, 66.8842, 65.2995

Square

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



66.9507, 66.8842, 76.3991



64.8073, 66.8842, 63.7222



60.3078, 66.8842, 69.3652



62.3514, 66.8842, 82.7570

Rectangle

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



66.9507, 66.8842, 76.3991



66.6967, 66.8842, 67.9146



60.3078, 66.8842, 69.3652



60.5453, 66.8842, 77.9677

Sweetspot

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



66.9526, 66.8871, 76.4005



93.1082, 96.6545, 106.5935



64.7904, 65.6637, 81.2120



19.9493, 20.7231, 22.8397



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.



66.9526, 66.8871, 76.4005



86.6759, 85.6275, 98.7848



65.8872, 66.4609, 70.7899



14.0437, 13.8351, 16.0004



20.3657, 10.2133, 13.8576



1.4558, 0.7256, 1.1933

Inverse Universe

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



66.9526, 66.8871, 76.4005



86.6759, 85.6275, 98.7848



66.9883, 73.3477, 81.3626



14.0437, 13.8351, 16.0004



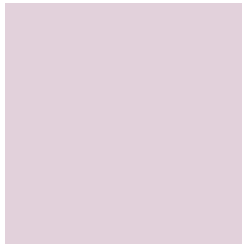
20.3657, 10.2133, 13.8576



1.4558, 0.7256, 1.1933

Previews

White Background



This preview shows how the XYZ color 66.9507, 66.8842, 76.3991 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 66.9507, 66.8842, 76.3991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

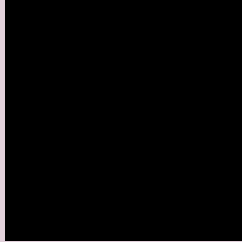
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.9507, 66.8842, 76.3991

Background



This preview shows how black text looks on a background with the XYZ color 66.9507, 66.8842, 76.3991.



This preview shows how white text looks on a background with the XYZ color 66.9507, 66.8842,

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

66.9507, 66.8842, 76.3991

Protanopia

64.6190, 66.7545, 77.8857

Deuteranopia

68.3777, 66.8959, 76.3261



Tritanopia

67.6890, 66.8245, 79.8518

Trichromacy



Original Color

66.9507, 66.8842, 76.3991

Protanomaly

65.4260, 66.8159, 77.1586

Deuteranomaly

67.9752, 67.0492, 76.3769

Tritanomaly

67.4192, 66.7166, 78.4315

Monochromacy



Original Color

66.9507, 66.8842, 76.3991

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.4023, 67.6064, 74.5680

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9507, 66.8842, 76.3991 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(226, 209, 219)` looks like.

```
.text, #text, p{  
    color:rgb(226, 209, 219)  
}
```

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(226, 209, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 209, 219) }
```

Border

The CSS property to change the border of an element to XYZ 66.9507, 66.8842, 76.3991 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(226, 209, 219) }
```


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

```
.border{ border-color:rgb(226, 209, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 209, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 209, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 209, 219);  
box-shadow:4px 4px 4px 4px rgb(226, 209,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9507, 66.8842, 76.3991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 209, 219) }
```

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

```
.background{ background-color: rgb(226,  
209, 219) }
```

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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