

Converting Colors

XYZ(66.7143, 61.5217, 73.8339)

Have a look what the booklet for
XYZ(66.7143, 61.5217, 73.8339)
contains.

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Color

**XYZ(66.7412, 61.5979,
74.0176)**

Conversions

Conversions Part 1

Format	Color
Hex	EDC2D9
RGB	237, 194, 217
RGB Percent	93%, 76%, 85%
CMY	0.0706, 0.2392, 0.1490
CMYK	0.00, 0.18, 0.08, 0.07
HSL	328°, 54%, 85%
HSV	328°, 18%, 93%
XYZ	66.7412, 61.5979, 74.0176
YIQ	209.4790, 18.2450, 16.2690

Conversions

Conversions Part 2

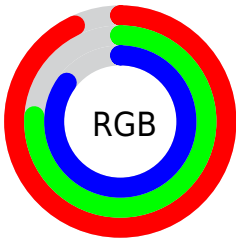
Format	Color
R_{YB}	237, 194, 217
Decimal	15581913
CIE _{Lab}	82.70, 18.99, -5.68
CIE _{LCh}	83, 19.820, 343.334
Yxy	61.5979, 0.3298, 0.3044
Android (android.graphics.Color)	4293771993 (0xFFEDC2D9)
YUV	209.4790, 3.7079, 24.1359
Hunter-Lab	78.4843, 14.4446, -0.9766

Details

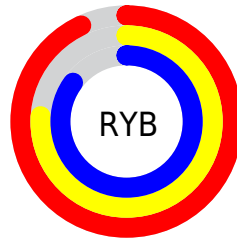
The XYZ color **66.7412, 61.5979, 74.0176** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **64.6723, 76.8943, 75.0554**, and the grayscale version is **60.8869, 64.0577, 69.7589**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **34.9557, 31.1886, 38.3600** is the 20% darker color. If you saturate the color by 10%, you get **60.4952, 51.3240, 65.0959**, and if you desaturate by 10%, it is **73.9277, 73.5979, 83.7269**.

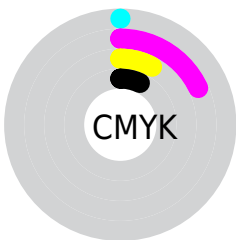
Distribution



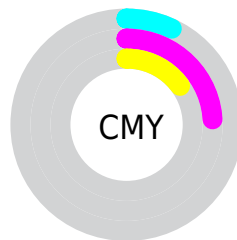
- Red (93%)
- Green (76%)
- Blue (85%)



- Red (93%)
- Yellow (76%)
- Blue (85%)



- Cyan (0%)
- Magenta (18%)
- Yellow (8%)
- Black (7%)



- Cyan (7%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7412, 61.5979, 74.0176 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 66.7412, 61.5979, 74.0176 by changing the saturation by 10% instead.

66.7412, 61.5979,
74.0176

66.7412, 61.5979,
74.0176

438.4700,
430.4628, 493.6991

49.1443, 44.7079,
54.3116

113.6013,
107.1442, 126.6550

34.9489, 31.2274,
38.4559

143.5953,
136.5692, 160.4235

23.7899, 20.7721,
26.0322

178.4522,
170.9414, 199.7166

15.3017, 12.9575,
16.6217

218.5376,
210.6450, 244.9527

9.1191, 7.3993,
9.8061

264.2167,
256.0646, 296.5505

4.8767, 3.7130,
5.1666

315.8549,

2.2091, 1.5144,

307.5845, 354.9285

2.2849

373.8175,
365.5891, 420.5052

■ 0.7475, 0.2988,
0.7228

■ 0.0000, 0.0000,
0.0000

■ 66.7412, 61.5979,
74.0176

■ 66.7412, 61.5979,
74.0176

■ 60.4952, 51.3240,
65.0959

■ 73.9277, 73.5979,
83.7269

■ 55.1428, 42.6876,
56.9349

■ 82.0883, 87.3908,
94.2416

■ 50.6408, 35.6048,
49.5114

■ 87.9523, 96.4315,
104.4811

■ 46.9402, 29.9807,
42.7993

■ 88.7354, 96.7447,
108.6045

■ 43.9867, 25.7100,
36.7705

■ 41.7188, 22.6730,
31.3941

■ 40.0643, 20.7287,
26.6351

■ 38.9228, 19.6802,
22.4488

■ 38.7403, 19.5307,
21.7239

Harmonies

Analogous

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



64.3439, 61.5979, 85.6004



66.7412, 61.5979, 74.0176



66.8757, 61.5979, 61.8087

Triad

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



66.7412, 61.5979, 74.0176



56.6799, 61.5979, 46.7529



52.7944, 61.5979, 84.4718

Complementary

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



66.7412, 61.5979, 74.0176



64.6723, 76.8943, 75.0554

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.



50.9402, 61.5979, 72.6210



66.7412, 61.5979, 74.0176



53.1090, 61.5979, 51.4270

Square

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



66.7412, 61.5979, 74.0176



60.9252, 61.5979, 47.0307



51.0525, 61.5979, 60.5707



56.2314, 61.5979, 92.1186

Rectangle

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



66.7412, 61.5979, 74.0176



65.6532, 61.5979, 54.9982



51.0525, 61.5979, 60.5707



51.9730, 61.5979, 80.7896

Sweetspot

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



66.7430, 61.6006, 74.0189



90.1763, 91.7571, 102.6372



62.1225, 58.8997, 88.2160



19.1599, 19.4012, 21.7844



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.



66.7430, 61.6006, 74.0189



75.7700, 67.7127, 83.1352



64.1999, 60.5834, 60.6275



15.4023, 15.1888, 17.4036



21.2177, 10.6898, 12.2135



1.7146, 0.8588, 1.2146

Inverse Universe

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



66.7430, 61.6006, 74.0189



75.7700, 67.7127, 83.1352



67.5080, 78.0286, 89.9875



15.4023, 15.1888, 17.4036



21.2177, 10.6898, 12.2135



1.7146, 0.8588, 1.2146

Previews

White Background



This preview shows how the XYZ color 66.7412, 61.5979, 74.0176 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 66.7412, 61.5979, 74.0176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

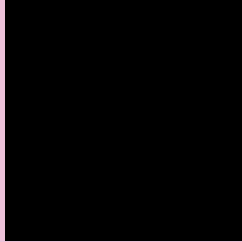
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.7412, 61.5979, 74.0176

Background



This preview shows how black text looks on a background with the XYZ color 66.7412, 61.5979, 74.0176.



This preview shows how white text looks on a background with the XYZ color 66.7412, 61.5979,

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

66.7412, 61.5979, 74.0176

Protanopia

60.4627, 62.0236, 79.3060

Deuteranopia

63.1731, 61.7960, 73.5640



Tritanopia

65.7400, 61.5162, 69.3817

Trichromacy



Original Color

66.7412, 61.5979, 74.0176

Protanomaly

62.5531, 61.7455, 77.0278

Deuteranomaly

64.2673, 61.6769, 73.4833

Tritanomaly

66.1174, 61.6672, 71.3690

Monochromacy



Original Color

66.7412, 61.5979, 74.0176

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

62.6899, 62.9993, 71.1433

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7412, 61.5979, 74.0176 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(237, 194, 217)` looks like.

```
.text, #text, p{  
    color:rgb(237, 194, 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(237, 194, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 194, 217) }
```

Border

The CSS property to change the border of an element to XYZ 66.7412, 61.5979, 74.0176 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(237, 194, 217) }
```


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

```
.border{ border-color:rgb(237, 194, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 194, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 194, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 194, 217);  
box-shadow:4px 4px 4px 4px rgb(237, 194,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7412, 61.5979, 74.0176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 194, 217) }
```

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

```
.background{ background-color: rgb(237,  
194, 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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