

Converting Colors

XYZ(66.5315, 62.0491, 78.2643)

Have a look what the booklet for
XYZ(66.5315, 62.0491, 78.2643)
contains.

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Color

**XYZ(66.6635, 62.1312,
78.2910)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C4DF
RGB	233, 196, 223
RGB Percent	91%, 77%, 87%
CMY	0.0863, 0.2314, 0.1255
CMYK	0.00, 0.16, 0.04, 0.09
HSL	316°, 46%, 84%
HSV	316°, 16%, 91%
XYZ	66.6635, 62.1312, 78.2910
YIQ	210.1410, 13.3850, 16.2410

Conversions

Conversions Part 2

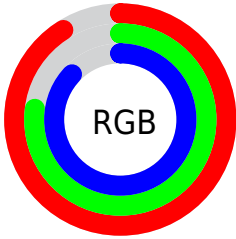
Format	Color
R _Y B	233, 196, 223
Decimal	15320287
CIE Lab	82.98, 17.59, -8.52
CIE LCh	83, 19.544, 334.168
Yxy	62.1312, 0.3219, 0.3000
Android (android.graphics.Color)	4293510367 (0xFFE9C4DF)
YUV	210.1410, 6.3395, 20.0473
Hunter-Lab	78.8233, 13.0225, -3.7132

Details

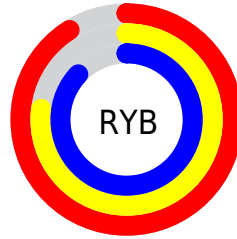
The XYZ color **66.6635, 62.1312, 78.2910** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.0469, 74.4716, 69.4476**, and the grayscale version is **61.3062, 64.4989, 70.2393**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **34.8723, 31.5203, 41.2918** is the 20% darker color. If you saturate the color by 10%, you get **60.9776, 52.0924, 72.2844**, and if you desaturate by 10%, it is **73.2007, 73.8203, 84.7387**.

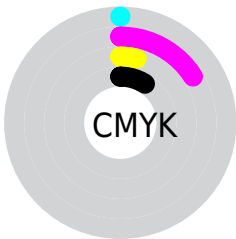
Distribution



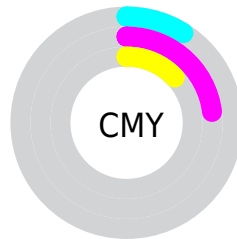
- Red (91%)
- Green (77%)
- Blue (87%)



- Red (91%)
- Yellow (77%)
- Blue (87%)



- Cyan (0%)
- Magenta (16%)
- Yellow (4%)
- Black (9%)



- Cyan (9%)
- Magenta (23%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.6635, 62.1312, 78.2910 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 66.6635, 62.1312, 78.2910 by changing the saturation by 10% instead.

66.6635, 62.1312,
78.2910

66.6635, 62.1312,
78.2910

438.1974,
432.4095, 508.7086

49.0809, 45.1387,
57.7952

113.4906,
107.9151, 132.7499

34.8985, 31.5667,
41.2304

143.4658,
137.4754, 167.5500

23.7508, 21.0308,
28.1781

178.3025,
171.9936, 207.9553

15.2726, 13.1465,
18.2198

218.3662,
211.8544, 254.3844

9.0985, 7.5295,
10.9368

264.0222,
257.4419, 307.2557

4.8631, 3.7954,
5.9107

315.6358,

2.2011, 1.5598,

309.1407, 366.9878

2.7230

373.5724,
367.3351, 433.9993

■ 0.7433, 0.3303,
0.9550

■ 0.0000, 0.0000,
0.0000

■ 66.6635, 62.1312,
78.2910

■ 66.6635, 62.1312,
78.2910

■ 60.9776, 52.0924,
72.2844

■ 73.2007, 73.8203,
84.7387

■ 56.0998, 43.6205,
66.7005

■ 80.6193, 87.2220,
91.6370

■ 51.9909, 36.6372,
61.5255

■ 85.3761, 95.2484,
97.8072

■ 48.6066, 31.0540,
56.7427

■ 86.3381, 95.6332,
102.8731

■ 45.8975, 26.7730,
52.3341

■ 87.3330, 96.0312,
108.1123

■ 43.8083, 23.6839,
48.2792

■ 87.4147, 96.0639,
108.5427

■ 42.2740, 21.6575,
44.5548

■ 41.2147, 20.5347,
41.1322

■ 40.8624, 20.2269,
39.7908

Harmonies

Analogous

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



63.7298, 62.1312, 88.7597



66.6635, 62.1312, 78.2910



67.5230, 62.1312, 65.9750

Triad

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



66.6635, 62.1312, 78.2910



58.4659, 62.1312, 47.0170



52.5906, 62.1312, 81.5609

Complementary

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



66.6635, 62.1312, 78.2910



63.0469, 74.4716, 69.4476

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.



51.3242, 62.1312, 69.3538



66.6635, 62.1312, 78.2910



54.6123, 62.1312, 50.1850

Square

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



66.6635, 62.1312, 78.2910



62.6609, 62.1312, 48.8133



52.0465, 62.1312, 58.0203



55.5879, 62.1312, 90.7998

Rectangle

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



66.6635, 62.1312, 78.2910



66.7715, 62.1312, 58.5740



52.0465, 62.1312, 58.0203



51.9550, 62.1312, 77.6189

Sweetspot

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



66.6653, 62.1339, 78.2923



90.5666, 91.9132, 104.6927



59.8671, 58.4689, 85.2221



19.2548, 19.4391, 22.2844



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.



66.6653, 62.1339, 78.2923



79.4565, 72.0729, 93.6523



64.3216, 61.1964, 65.9506



15.5310, 15.2402, 18.0813



23.2403, 11.4988, 22.8645



1.8647, 0.9189, 2.0051

Inverse Universe

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



66.6653, 62.1339, 78.2923



79.4565, 72.0729, 93.6523



65.4103, 75.4170, 81.8931



15.5310, 15.2402, 18.0813



23.2403, 11.4988, 22.8645



1.8647, 0.9189, 2.0051

Previews

White Background



This preview shows how the XYZ color 66.6635, 62.1312, 78.2910 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 66.6635, 62.1312, 78.2910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

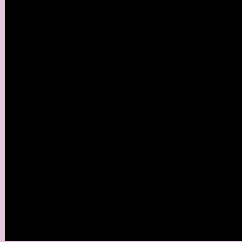
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.6635, 62.1312, 78.2910

Background



This preview shows how black text looks on a background with the XYZ color 66.6635, 62.1312, 78.2910.



This preview shows how white text looks on a background with the XYZ color 66.6635, 62.1312,

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

66.6635, 62.1312, 78.2910

Protanopia

60.8760, 62.1572, 82.9178

Deuteranopia

63.5867, 62.2629, 77.7738



Tritanopia

65.4830, 62.3481, 71.5338

Trichromacy



Original Color

66.6635, 62.1312, 78.2910

Protanomaly

63.0100, 62.2342, 81.3645

Deuteranomaly

64.6596, 62.1283, 77.6913

Tritanomaly

65.7693, 62.0981, 74.1653

Monochromacy



Original Color

66.6635, 62.1312, 78.2910

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.0105, 63.4744, 73.2207

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.6635, 62.1312, 78.2910 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(233, 196, 223)` looks like.

```
.text, #text, p{  
    color:rgb(233, 196, 223)  
}
```

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(233, 196, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 196, 223) }
```

Border

The CSS property to change the border of an element to XYZ 66.6635, 62.1312, 78.2910 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(233, 196, 223) }
```


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

```
.border{ border-color:rgb(233, 196, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 196, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 196, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 196, 223); box-shadow:4px 4px 4px 4px rgb(233, 196, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 66.6635, 62.1312, 78.2910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 196, 223) }
```

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

```
.background{ background-color: rgb(233,  
196, 223) }
```

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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