

Converting Colors

XYZ(66.9160, 64.4302, 78.8817)

Have a look what the booklet for
XYZ(66.9160, 64.4302, 78.8817)
contains.

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Color

**XYZ(66.7529, 64.2268,
78.6908)**

Conversions

Conversions Part 1

Format	Color
Hex	E5CADF
RGB	229, 202, 223
RGB Percent	90%, 79%, 87%
CMY	0.1020, 0.2078, 0.1255
CMYK	0.00, 0.12, 0.03, 0.10
HSL	313°, 34%, 85%
HSV	313°, 12%, 90%
XYZ	66.7529, 64.2268, 78.6908
YIQ	212.4670, 9.3510, 12.2550

Conversions

Conversions Part 2

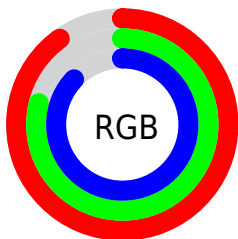
Format	Color
R _Y B	229, 202, 223
Decimal	15059679
CIE Lab	84.08, 13.05, -6.92
CIE LCh	84, 14.768, 332.047
Yxy	64.2268, 0.3184, 0.3063
Android (android.graphics.Color)	4293249759 (0xFFE5CADF)
YUV	212.4670, 5.1928, 14.4994
Hunter-Lab	80.1416, 8.4314, -2.1175

Details

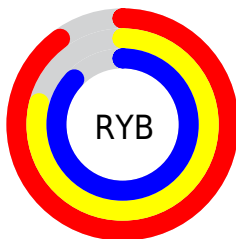
The XYZ color **66.7529, 64.2268, 78.6908** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.7641, 73.1510, 70.4368**, and the grayscale version is **62.8538, 66.1271, 72.0124**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8914, 32.8912, 41.5555** is the 20% darker color. If you saturate the color by 10%, you get **61.0980, 53.9980, 73.4715**, and if you desaturate by 10%, it is **73.2294, 76.0641, 84.2873**.

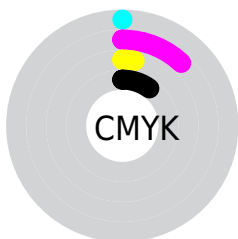
Distribution



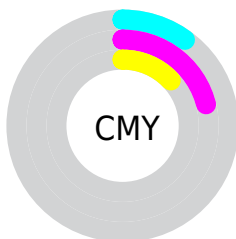
- Red (90%)
- Green (79%)
- Blue (87%)



- Red (90%)
- Yellow (79%)
- Blue (87%)



- Cyan (0%)
- Magenta (12%)
- Yellow (3%)
- Black (10%)



- Cyan (10%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7529, 64.2268, 78.6908 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 66.7529, 64.2268, 78.6908 by changing the saturation by 10% instead.

66.7529, 64.2268,
78.6908

66.7529, 64.2268,
78.6908

438.5110,
440.0082, 510.0997

49.1538, 46.8344,
58.1218

113.6180,
110.9375, 133.3182

34.9565, 32.9048,
41.4912

143.6148,
141.0246, 168.2137

23.7958, 22.0535,
28.3805

178.4748,
176.1120, 208.7217

15.3061, 13.8962,
18.3712

218.5634,
216.5842, 255.2609

9.1222, 8.0485,
11.0446

264.2459,
262.8255, 308.2498

4.8787, 4.1260,
5.9823

315.8878,

2.2103, 1.7443,

315.2203, 368.1068

2.7657

373.8544,
374.1531, 435.2506

■ 0.7482, 0.4521,
0.9763

■ 0.0000, 0.0000,
0.0000

■ 66.7529, 64.2268,
78.6908

■ 66.7529, 64.2268,
78.6908

■ 61.0980, 53.9980,
73.4715

■ 73.2294, 76.0641,
84.2873

■ 56.2241, 45.2991,
68.6127

■ 80.5550, 89.5671,
90.2686

■ 52.0951, 38.0578,
64.1022

■ 83.5459, 94.3672,
94.9086

■ 48.6702, 32.1924,
59.9255

■ 84.3056, 94.6711,
98.9092

45.9043, 27.6133,
56.0667

85.0866, 94.9835,
103.0222

43.7471, 24.2199,
52.5080

85.8892, 95.3045,
107.2483

42.1408, 21.8972,
49.2293

86.1235, 95.3982,
108.4822

41.0160, 20.5065,
46.2065

40.3599, 19.8768,
43.8841

Harmonies

Analogous

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



64.4332, 64.2268, 86.2821



66.7529, 64.2268, 78.6908



67.5280, 64.2268, 69.2926

Triad

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



66.7529, 64.2268, 78.6908



60.8220, 64.2268, 53.4790



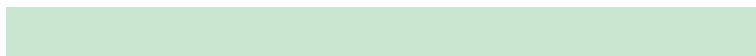
55.8842, 64.2268, 79.8988

Complementary

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



66.7529, 64.2268, 78.6908



63.7641, 73.1510, 70.4368

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.



54.9920, 64.2268, 70.5754



66.7529, 64.2268, 78.6908



57.7790, 64.2268, 55.7901

Square

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



66.7529, 64.2268, 78.6908



64.0319, 64.2268, 55.2402



55.6733, 64.2268, 61.8486



58.1537, 64.2268, 87.0220

Rectangle

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



66.7529, 64.2268, 78.6908



67.0431, 64.2268, 63.4064



55.6733, 64.2268, 61.8486



55.4170, 64.2268, 76.8908

Sweetspot

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



66.7548, 64.2296, 78.6922



91.5190, 93.5187, 105.9330



61.2364, 61.2896, 82.7323



19.4509, 19.7642, 22.5565



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.



66.7548, 64.2296, 78.6922



83.4485, 78.7992, 98.8603



65.0251, 63.5377, 69.5840



14.8508, 14.5575, 17.4147



23.1227, 11.3833, 25.3386



1.7426, 0.8547, 2.0509

Inverse Universe

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



66.7548, 64.2296, 78.6922



83.4485, 78.7992, 98.8603



65.4764, 73.8359, 79.4539



14.8508, 14.5575, 17.4147



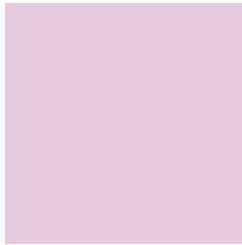
23.1227, 11.3833, 25.3386



1.7426, 0.8547, 2.0509

Previews

White Background



This preview shows how the XYZ color 66.7529, 64.2268, 78.6908 looks on a white background.

Color Contrast Check

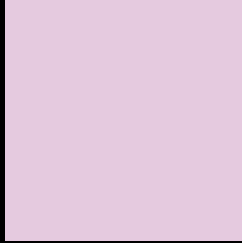
Large Text (above 18pt) WCAG AA × Fail

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 66.7529, 64.2268, 78.6908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

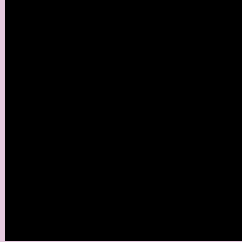
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.7529, 64.2268, 78.6908

Background



This preview shows how black text looks on a background with the XYZ color 66.7529, 64.2268, 78.6908.



This preview shows how white text looks on a background with the XYZ color 66.7529, 64.2268,

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

66.7529, 64.2268, 78.6908

Protanopia

62.7155, 64.2131, 81.7620

Deuteranopia

65.6526, 64.3607, 78.7746



Tritanopia

66.1370, 64.3203, 75.9471

Trichromacy



Original Color

66.7529, 64.2268, 78.6908

Protanomaly

64.1177, 64.2325, 80.9703

Deuteranomaly

66.0392, 64.2083, 78.7248

Tritanomaly

66.2691, 64.3732, 76.6426

Monochromacy



Original Color

66.7529, 64.2268, 78.6908

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

63.8640, 64.9750, 74.1412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7529, 64.2268, 78.6908 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(229, 202, 223)` looks like.

```
.text, #text, p{  
    color:rgb(229, 202, 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(229, 202, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 202, 223) }
```

Border

The CSS property to change the border of an element to XYZ 66.7529, 64.2268, 78.6908 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(229, 202, 223) }
```


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

```
.border{ border-color:rgb(229, 202, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 202, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 202, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 202, 223); box-shadow:4px 4px 4px 4px rgb(229, 202, 223) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7529, 64.2268, 78.6908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 202, 223) }
```

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

```
.background{ background-color: rgb(229,  
202, 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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