

Converting Colors

XYZ(69.8115, 69.0526, 78.5142)

Have a look what the booklet for
XYZ(69.8115, 69.0526, 78.5142)
contains.

XYZ(69.7578, 69.0183, 78.7525)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(69.7578, 69.0183,
78.7525)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D3DE
RGB	232, 211, 222
RGB Percent	91%, 83%, 87%
CMY	0.0902, 0.1725, 0.1294
CMYK	0.00, 0.09, 0.04, 0.09
HSL	329°, 31%, 87%
HSV	329°, 9%, 91%
XYZ	69.7578, 69.0183, 78.7525
YIQ	218.5330, 8.9850, 7.8730

Conversions

Conversions Part 2

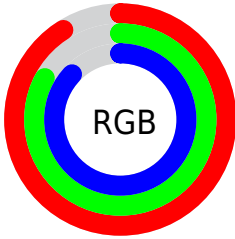
Format	Color
R_{YB}	232, 211, 222
Decimal	15258590
CIE Lab	86.51, 9.15, -2.78
CIE LCh	87, 9.559, 343.086
Yxy	69.0183, 0.3207, 0.3173
Android (android.graphics.Color)	4293448670 (0xFFE8D3DE)
YUV	218.5330, 1.7092, 11.8106
Hunter-Lab	83.0773, 4.4966, 1.9505

Details

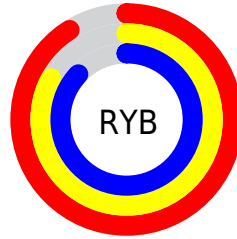
The XYZ color **69.7578, 69.0183, 78.7525** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.7744, 76.7844, 79.6064**, and the grayscale version is **66.9945, 70.4834, 76.7564**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.7680, 35.7971, 41.5309** is the 20% darker color. If you saturate the color by 10%, you get **62.9726, 57.7401, 69.4223**, and if you desaturate by 10%, it is **77.4758, 82.0050, 88.8742**.

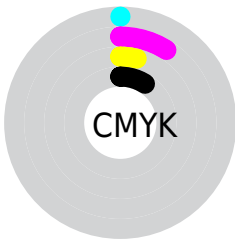
Distribution



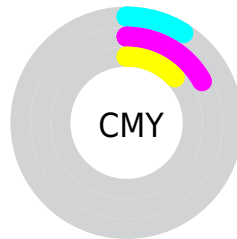
- Red (91%)
- Green (83%)
- Blue (87%)



- Red (91%)
- Yellow (83%)
- Blue (87%)



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



- Cyan (9%)
- Magenta (17%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.7578, 69.0183, 78.7525 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 69.7578, 69.0183, 78.7525 by changing the saturation by 10% instead.

69.7578, 69.0183,
78.7525

69.7578, 69.0183,
78.7525

448.9788,
457.0955, 510.3141

51.6080, 50.7266,
58.1722

117.8915,
117.8077, 133.4059

36.9157, 35.9911,
41.5315

148.6060,
149.0742, 168.3161

25.3156, 24.4273,
28.4118

184.2395,
185.4345, 208.8400

16.4423, 15.6509,
18.3946

225.1573,
227.2729, 255.3961

9.9305, 9.2775,
11.0613

271.7248,
274.9737, 308.4031

5.4148, 4.9226,
5.9934

324.3073,

2.5299, 2.2019,

328.9216, 368.2794

2.7723

383.2702,
389.5007, 435.4435

■ 0.9104, 0.7210,
0.9796

■ 0.0000, 0.0000,
0.0000

■ 69.7578, 69.0183,
78.7525

■ 69.7578, 69.0183,
78.7525

■ 62.9726, 57.7401,
69.4223

■ 77.4758, 82.0050,
88.8742

■ 57.0770, 48.0897,
60.8576

■ 85.3836, 95.2138,
99.5462

■ 52.0331, 39.9932,
53.0372

■ 87.0891, 95.8960,
108.5274

■ 47.7978, 33.3677,
45.9371

■ 44.3240, 28.1222,
39.5316

■ 41.5595, 24.1558,
33.7930

■ 39.4451, 21.3534,
28.6909

■ 37.9110, 19.5789,
24.1907

■ 36.8503, 18.6228,
20.2453

Harmonies

Analogous

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



68.5511, 69.0183, 84.4100



69.7578, 69.0183, 78.7525



69.8345, 69.0183, 72.4223

Triad

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



69.7578, 69.0183, 78.7525



64.6406, 69.0183, 63.8880



62.5395, 69.0183, 83.7893

Complementary

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



69.7578, 69.0183, 78.7525



68.7744, 76.7844, 79.6064

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.



61.5399, 69.0183, 77.9437



69.7578, 69.0183, 78.7525



62.7345, 69.0183, 66.5918

Square

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



69.7578, 69.0183, 78.7525



66.8462, 69.0183, 64.0773



61.6104, 69.0183, 71.6575



64.3690, 69.0183, 87.4282

Rectangle

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



69.7578, 69.0183, 78.7525



69.2318, 69.0183, 68.6879



61.6104, 69.0183, 71.6575



62.0971, 69.0183, 82.0035

Sweetspot

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



69.7598, 69.0213, 78.7540



92.0768, 94.9833, 105.0423



67.6203, 67.7589, 85.8597



19.5420, 20.0505, 22.2660



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.



69.7598, 69.0213, 78.7540



84.6685, 82.5600, 95.1947



68.4213, 68.4859, 71.7056



14.6907, 14.4935, 16.5717



20.4724, 10.3232, 11.3824



1.5597, 0.7816, 1.0881

Inverse Universe

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



69.7598, 69.0213, 78.7540



84.6685, 82.5600, 95.1947



70.1889, 77.3502, 87.0554



14.6907, 14.4935, 16.5717



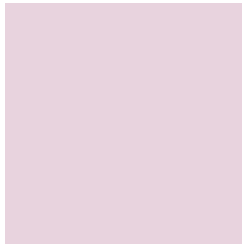
20.4724, 10.3232, 11.3824



1.5597, 0.7816, 1.0881

Previews

White Background



This preview shows how the XYZ color 69.7578, 69.0183, 78.7525 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 69.7578, 69.0183, 78.7525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

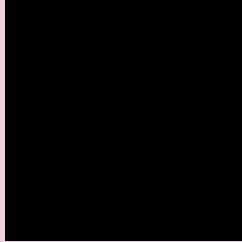
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.7578, 69.0183, 78.7525

Background



This preview shows how black text looks on a background with the XYZ color 69.7578, 69.0183, 78.7525.



This preview shows how white text looks on a background with the XYZ color 69.7578, 69.0183,

78.7525.

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

69.7578, 69.0183, 78.7525

Protanopia

66.8045, 68.9425, 81.0204

Deuteranopia

70.4924, 69.0293, 78.7159



Tritanopia

70.5160, 68.9629, 82.2676

Trichromacy



Original Color

69.7578, 69.0183, 78.7525

Protanomaly

67.9325, 69.1629, 80.2904

Deuteranomaly

70.1631, 68.8595, 78.7005

Tritanomaly

70.2415, 68.8531, 80.8220

Monochromacy



Original Color

69.7578, 69.0183, 78.7525

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

68.2146, 70.1263, 77.6506

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.7578, 69.0183, 78.7525 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(232, 211, 222)` looks like.

```
.text, #text, p{  
    color:rgb(232, 211, 222)  
}
```

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(232, 211, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 211, 222) }
```

Border

The CSS property to change the border of an element to XYZ 69.7578, 69.0183, 78.7525 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(232, 211, 222) }
```


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

```
.border{ border-color:rgb(232, 211, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 211, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 211, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 211, 222);  
box-shadow:4px 4px 4px 4px rgb(232, 211,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 69.7578, 69.0183, 78.7525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 211, 222) }
```

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

```
.background{ background-color: rgb(232,  
211, 222) }
```

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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