

Converting Colors

XYZ(69.0074, 63.2544, 87.6417)

Have a look what the booklet for
XYZ(69.0074, 63.2544, 87.6417)
contains.

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Color

**XYZ(69.1412, 63.1982,
87.9112)**

Conversions

Conversions Part 1

Format	Color
Hex	EBC4EC
RGB	235, 196, 236
RGB Percent	92%, 77%, 93%
CMY	0.0784, 0.2314, 0.0745
CMYK	0.00, 0.17, 0.00, 0.07
HSL	299°, 51%, 85%
HSV	299°, 17%, 93%
XYZ	69.1412, 63.1982, 87.9112
YIQ	212.2210, 10.4040, 20.7080

Conversions

Conversions Part 2

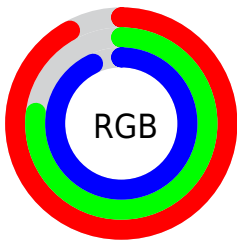
Format	Color
R _Y B	235, 196, 236
Decimal	15451372
CIE Lab	83.55, 20.60, -14.60
CIE LCh	84, 25.249, 324.669
Yxy	63.1982, 0.3139, 0.2869
Android (android.graphics.Color)	4293641452 (0xFFEBC4EC)
YUV	212.2210, 11.7230, 19.9772
Hunter-Lab	79.4973, 16.1266, -9.9171

Details

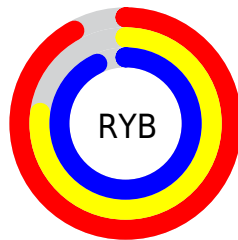
The XYZ color **69.1412, 63.1982, 87.9112** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.9875, 75.8484, 63.5482**, and the grayscale version is **62.6475, 65.9101, 71.7761**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **36.5016, 32.2250, 47.4762** is the 20% darker color. If you saturate the color by 10%, you get **64.0373, 53.2780, 86.2663**, and if you desaturate by 10%, it is **75.0868, 74.7988, 89.8379**.

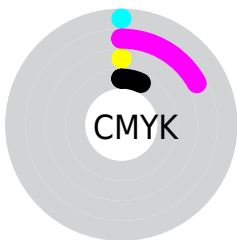
Distribution



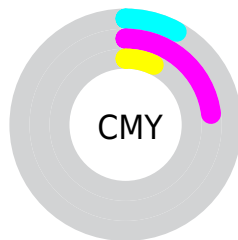
- Red (92%)
- Green (77%)
- Blue (93%)



- Red (92%)
- Yellow (77%)
- Blue (93%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (7%)



- Cyan (8%)
- Magenta (23%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.1412, 63.1982, 87.9112 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 69.1412, 63.1982, 87.9112 by changing the saturation by 10% instead.

69.1412, 63.1982,
87.9112

69.1412, 63.1982,
87.9112

446.8424,
436.2884, 541.6062

51.1038, 46.0016,
65.6856

117.0162,
109.4554, 146.3436

36.5126, 32.2471,
47.5624

147.5845,
139.2848, 183.3874

25.0023, 21.5503,
33.1229

183.0604,
174.0938, 226.2078

16.2075, 13.5268,
21.9487

223.8094,
214.2670, 275.2232

9.7629, 7.7923,
13.6213

270.1967,
260.1886, 330.8522

5.3031, 3.9623,
7.7220

322.5877,

2.4627, 1.6525,

312.2432, 393.5134

3.8324

381.3478,
370.8150, 463.6252

■ 0.8765, 0.3926,
1.5338

■ 0.0000, 0.0000,
0.2429

■ 69.1412, 63.1982,
87.9112

■ 69.1412, 63.1982,
87.9112

■ 64.0373, 53.2780,
86.2663

■ 75.0868, 74.7988,
89.8379

■ 59.7303, 44.9518,
84.8862

■ 81.9050, 88.1445,
92.0545

■ 56.1801, 38.1381,
83.7582

■ 85.7492, 95.5414,
93.2797

■ 53.3406, 32.7449,
82.8668

■ 85.9462, 95.6429,
93.2889

51.1608, 28.6702,
82.1952

86.1439, 95.7449,
93.2981

49.5829, 25.7983,
81.7241

86.3423, 95.8471,
93.3074

48.5391, 23.9937,
81.4307

86.5413, 95.9497,
93.3167

47.9425, 23.0823,
81.2863

86.7409, 96.0526,
93.3261

47.8064, 22.8961,
81.2575

86.9412, 96.1559,
93.3354

Harmonies

Analogous

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



64.6036, 63.1982, 100.2639



69.1412, 63.1982, 87.9112



71.2571, 63.1982, 71.6722

Triad

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



69.1412, 63.1982, 87.9112



61.0585, 63.1982, 42.7867



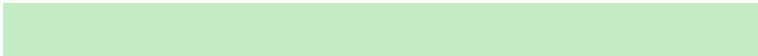
50.9377, 63.1982, 82.2821

Complementary

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



69.1412, 63.1982, 87.9112



62.9875, 75.8484, 63.5482

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.



50.1162, 63.1982, 66.0291



69.1412, 63.1982, 87.9112



55.7498, 63.1982, 44.7393

Square

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



69.1412, 63.1982, 87.9112



66.4114, 63.1982, 46.8903



51.8254, 63.1982, 52.7013



54.1420, 63.1982, 96.6812

Rectangle

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



69.1412, 63.1982, 87.9112



70.9216, 63.1982, 61.4042



51.8254, 63.1982, 52.7013



50.3823, 63.1982, 76.7931

Sweetspot

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



69.1431, 63.2009, 87.9126



90.9994, 92.0728, 107.5834



57.9501, 57.8792, 87.4753



19.3603, 19.4780, 22.9892



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.



69.1431, 63.2009, 87.9126



80.4154, 71.4248, 104.1557



66.9018, 62.3427, 74.3826



15.6754, 15.2935, 19.0480



26.3690, 12.6296, 44.7909



2.0824, 0.9978, 3.5177

Inverse Universe

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



64.4123, 61.3469, 61.2727



73.8855, 68.8668, 67.3301



64.9856, 76.6174, 75.4315



15.0807, 15.0601, 15.7105



19.0926, 9.8397, 1.0229



1.5046, 0.7748, 0.1087

Previews

White Background



This preview shows how the XYZ color 69.1412, 63.1982, 87.9112 looks on a white background.

Color Contrast Check

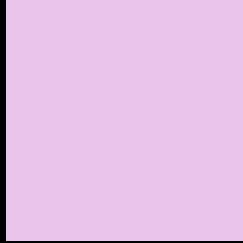
Large Text (above 18pt) WCAG AA × Fail

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 69.1412, 63.1982, 87.9112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

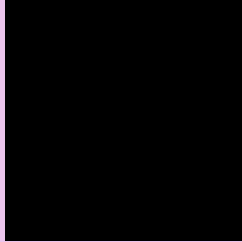
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 69.1412, 63.1982, 87.9112

Background



This preview shows how black text looks on a background with the XYZ color 69.1412, 63.1982, 87.9112.



This preview shows how white text looks on a background with the XYZ color 69.1412, 63.1982,

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

69.1412, 63.1982, 87.9112

Protanopia

62.8476, 63.6533, 93.7679

Deuteranopia

64.6702, 63.3090, 87.4086



Tritanopia

66.1987, 63.3707, 73.0327

Trichromacy



Original Color

69.1412, 63.1982, 87.9112

Protanomaly

64.8157, 63.2993, 91.2399

Deuteranomaly

66.0811, 62.9947, 87.2736

Tritanomaly

67.3470, 63.4982, 78.5188

Monochromacy



Original Color

69.1412, 63.1982, 87.9112

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.6377, 64.5787, 77.4648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.1412, 63.1982, 87.9112 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(235, 196, 236)` looks like.

```
.text, #text, p{  
    color:rgb(235, 196, 236)  
}
```

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(235, 196, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 196, 236) }
```

Border

The CSS property to change the border of an element to XYZ 69.1412, 63.1982, 87.9112 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(235, 196, 236) }
```


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

```
.border{ border-color:rgb(235, 196, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 196, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 196, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 196, 236);  
box-shadow:4px 4px 4px 4px rgb(235, 196,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 69.1412, 63.1982, 87.9112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 196, 236) }
```

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

```
.background{ background-color: rgb(235,  
196, 236) }
```

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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