

Converting Colors

XYZ(69.1794, 63.8597, 91.2119)

Have a look what the booklet for
XYZ(69.1794, 63.8597, 91.2119)
contains.

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Color

**XYZ(69.2010, 63.8352,
91.1122)**

Conversions

Conversions Part 1

Format	Color
Hex	E8C6F0
RGB	232, 198, 240
RGB Percent	91%, 78%, 94%
CMY	0.0902, 0.2235, 0.0588
CMYK	0.03, 0.17, 0.00, 0.06
HSL	289°, 58%, 86%
HSV	289°, 17%, 94%
XYZ	69.2010, 63.8352, 91.1122
YIQ	212.9540, 6.7820, 20.2700

Conversions

Conversions Part 2

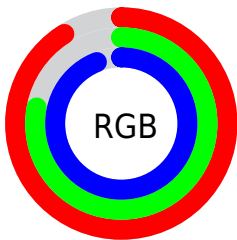
Format	Color
R _Y B	232, 198, 240
Decimal	15255280
CIE Lab	83.88, 19.29, -16.26
CIE LCh	84, 25.231, 319.874
Yxy	63.8352, 0.3087, 0.2848
Android (android.graphics.Color)	4293445360 (0xFFE8C6F0)
YUV	212.9540, 13.3337, 16.7033
Hunter-Lab	79.8969, 14.7843, -11.6848

Details

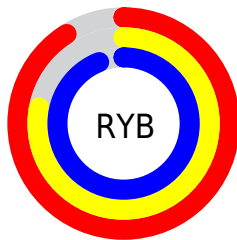
The XYZ color **69.2010, 63.8352, 91.1122** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.8089, 79.5208, 65.2570**, and the grayscale version is **63.1272, 66.4148, 72.3257**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **36.5295, 32.6373, 49.7217** is the 20% darker color. If you saturate the color by 10%, you get **62.6799, 52.9663, 89.3590**, and if you desaturate by 10%, it is **76.6338, 76.4678, 93.1597**.

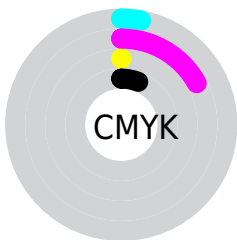
Distribution



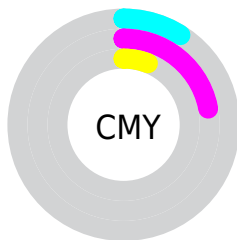
- Red (91%)
- Green (78%)
- Blue (94%)



- Red (91%)
- Yellow (78%)
- Blue (94%)



- Cyan (3%)
- Magenta (17%)
- Yellow (0%)
- Black (6%)



- Cyan (9%)
- Magenta (22%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 69.2010, 63.8352, 91.1122 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 69.2010, 63.8352, 91.1122 by changing the saturation by 10% instead.

69.2010, 63.8352,
91.1122

69.2010, 63.8352,
91.1122

447.0499,
438.5943, 552.3054

51.1527, 46.5172,
68.3246

117.1011,
110.3736, 150.8313

36.5517, 32.6542,
49.6935

147.6836,
140.3627, 188.5999

25.0326, 21.8616,
34.8004

183.1748,
175.3444, 232.1992

16.2302, 13.7553,
23.2269

223.9402,
215.7030, 282.0477

9.7791, 7.9506,
14.5542

270.3450,
261.8229, 338.5641

5.3139, 4.0634,
8.3640

322.7547,

2.4692, 1.7091,

314.0884, 402.1668

4.2377

381.5345,
372.8841, 473.2744

■ 0.8798, 0.4295,
1.7566

■ 0.0000, 0.0000,
0.3991

■ 69.2010, 63.8352,
91.1122

■ 69.2010, 63.8352,
91.1122

■ 62.6799, 52.9663,
89.3590

■ 76.6338, 76.4678,
93.1597

■ 57.0235, 43.7712,
87.8822

■ 85.0108, 90.9324,
95.5102

■ 52.1893, 36.1640,
86.6687

■ 89.3950, 97.3529,
96.5184

■ 48.1289, 30.0484,
85.7023

■ 91.0159, 98.1885,
96.5943

■ 44.7885, 25.3172,
84.9651

■ 92.6766, 99.0447,
96.6720

■ 42.1070, 21.8486,
84.4369

■ 92.7284, 99.0713,
96.6744

■ 40.0126, 19.4997,
84.0939

■ 38.4106, 18.0812,
83.9046

■ 38.0501, 17.7986,
83.8690

Harmonies

Analogous

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



64.3726, 63.8352, 102.3773



69.2010, 63.8352, 91.1122



71.7921, 63.8352, 75.0164

Triad

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



69.2010, 63.8352, 91.1122



62.5683, 63.8352, 43.5602



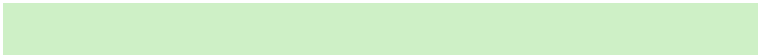
51.1842, 63.8352, 80.4173

Complementary

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



69.2010, 63.8352, 91.1122



66.8089, 79.5208, 65.2570

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.



50.7664, 63.8352, 64.2717



69.2010, 63.8352, 91.1122



57.1188, 63.8352, 44.5516

Square

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



69.2010, 63.8352, 91.1122



67.8112, 63.8352, 48.6651



52.8769, 63.8352, 51.6174



54.0550, 63.8352, 95.5802

Rectangle

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



69.2010, 63.8352, 91.1122



71.8013, 63.8352, 64.3973



52.8769, 63.8352, 51.6174



50.7592, 63.8352, 74.8773

Sweetspot

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



69.2029, 63.8379, 91.1136



90.2287, 91.6755, 107.5473



61.1872, 62.6353, 91.3039



19.1724, 19.3811, 22.9804



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.



69.2029, 63.8379, 91.1136



76.6281, 68.5799, 103.8063



70.0516, 64.4842, 81.7191



16.1420, 15.8704, 19.9341



20.9366, 9.7986, 45.9157



1.8168, 0.8538, 3.8233

Inverse Universe

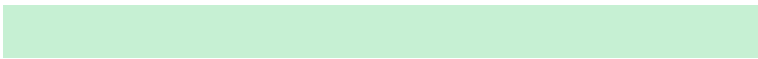
The Inverse Universe completely reimagines the original color for something new.



67.2719, 63.3724, 67.0818



74.0713, 67.9792, 71.2735



66.1587, 79.0106, 73.1316



15.8958, 15.8080, 17.0076



19.9744, 10.2622, 2.5159



1.6951, 0.8671, 0.3852

Previews

White Background



This preview shows how the XYZ color 69.2010, 63.8352, 91.1122 looks on a white background.

Color Contrast Check

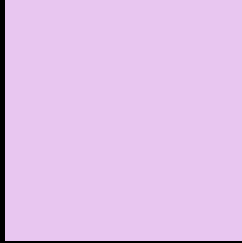
Large Text (above 18pt) WCAG AA × Fail

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 69.2010, 63.8352, 91.1122 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 69.2010, 63.8352, 91.1122

Background



This preview shows how black text looks on a background with the XYZ color 69.2010, 63.8352, 91.1122.



This preview shows how white text looks on a background with the XYZ color 69.2010, 63.8352,

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

69.2010, 63.8352, 91.1122

Protanopia

63.5475, 64.3221, 96.2549

Deuteranopia

65.4918, 64.0167, 90.5660



Tritanopia

66.0885, 63.9610, 75.1921

Trichromacy



Original Color

69.2010, 63.8352, 91.1122

Protanomaly

65.3626, 63.8635, 94.4699

Deuteranomaly

66.8247, 64.0026, 90.4931

Tritanomaly

67.2472, 64.0873, 80.7773

Monochromacy



Original Color

69.2010, 63.8352, 91.1122

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.3904, 65.6551, 79.0383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 69.2010, 63.8352, 91.1122 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, 198, 240)` looks like.

```
.text, #text, p{  
    color:rgb(232, 198, 240)  
}
```

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, 198, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 198, 240) }
```

Border

The CSS property to change the border of an element to XYZ 69.2010, 63.8352, 91.1122 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, 198, 240) }
```


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

```
.border{ border-color:rgb(232, 198, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 198, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 198, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 198, 240);  
box-shadow:4px 4px 4px 4px rgb(232, 198,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 69.2010, 63.8352, 91.1122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 198, 240) }
```

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

```
.background{ background-color: rgb(232,  
198, 240) }
```

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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