

Converting Colors

XYZ(70.4069, 64.0653, 95.9015)

Have a look what the booklet for
XYZ(70.4069, 64.0653, 95.9015)
contains.

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Color

**XYZ(70.2051, 63.9100,
95.8244)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C5F6
RGB	233, 197, 246
RGB Percent	91%, 77%, 96%
CMY	0.0863, 0.2274, 0.0353
CMYK	0.05, 0.20, 0.00, 0.04
HSL	284°, 73%, 87%
HSV	284°, 20%, 96%
XYZ	70.2051, 63.9100, 95.8244
YIQ	213.3500, 5.7270, 22.8710

Conversions

Conversions Part 2

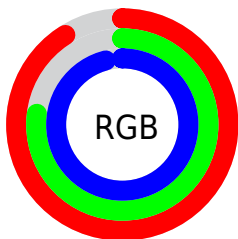
Format	Color
R _Y B	233, 197, 246
Decimal	15320566
CIE _{Lab}	83.92, 21.29, -19.39
CIE _{LCh}	84, 28.794, 317.676
Yxy	63.9100, 0.3053, 0.2779
Android (android.graphics.Color)	4293510646 (0xFFE9C5F6)
YUV	213.3500, 16.0965, 17.2331
Hunter-Lab	79.9437, 16.8539, -15.1072

Details

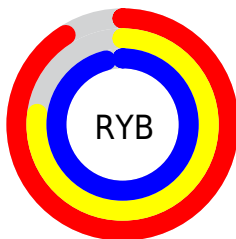
The XYZ color **70.2051, 63.9100, 95.8244** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **69.6144, 83.6460, 65.3027**, and the grayscale version is **63.3747, 66.6751, 72.6092**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **37.2482, 32.7097, 53.0656** is the 20% darker color. If you saturate the color by 10%, you get **62.9777, 52.5591, 94.0153**, and if you desaturate by 10%, it is **78.4267, 77.1299, 97.9437**.

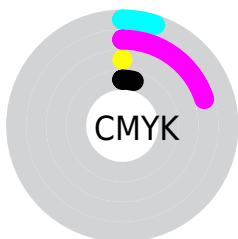
Distribution



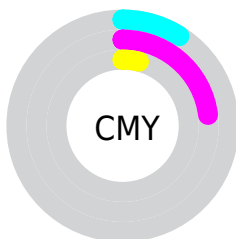
- Red (91%)
- Green (77%)
- Blue (96%)



- Red (91%)
- Yellow (77%)
- Blue (96%)



- Cyan (5%)
- Magenta (20%)
- Yellow (0%)
- Black (4%)



- Cyan (9%)
- Magenta (23%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 70.2051, 63.9100, 95.8244 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 70.2051, 63.9100, 95.8244 by changing the saturation by 10% instead.

70.2051, 63.9100,
95.8244

70.2051, 63.9100,
95.8244

450.5250,
438.8646, 567.8525

51.9740, 46.5778,
72.2206

118.5259,
110.4813, 157.4084

37.2085, 32.7020,
52.8510

149.3462,
140.4892, 196.2258

25.5434, 21.8983,
37.2969

185.0937,
175.4911, 240.9514

16.6132, 13.7822,
25.1399

226.1336,
215.8714, 292.0038

10.0527, 7.9693,
15.9613

272.8313,
262.0145, 349.8016

5.4965, 4.0753,
9.3427

325.5522,

2.5791, 1.7158,

314.3048, 414.7633

4.8656

384.6617,
373.1267, 487.3074

■ 0.9353, 0.4338,
2.1112

■ 0.0000, 0.0000,
0.6224

■ 70.2051, 63.9100,
95.8244

■ 70.2051, 63.9100,
95.8244

■ 62.9777, 52.5591,
94.0153

■ 78.4267, 77.1299,
97.9437

■ 56.6937, 42.9802,
92.4976

■ 87.6785, 92.2933,
100.3830

■ 51.3062, 35.0800,
91.2567

■ 92.7508, 98.9782,
101.4059

■ 46.7620, 28.7531,
90.2750

■ 93.6347, 99.4339,
101.4473

■ 43.0017, 23.8822,
89.5330

■ 39.9575, 20.3329,
89.0084

■ 37.5488, 17.9454,
88.6745

■ 35.6433, 16.4565,
88.4875

■ 35.6284, 16.4455,
88.4862

Harmonies

Analogous

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



64.5195, 63.9100, 108.4081



70.2051, 63.9100, 95.8244



73.4418, 63.9100, 77.3034

Triad

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



70.2051, 63.9100, 95.8244



63.3822, 63.9100, 40.7617



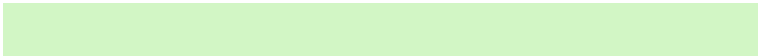
49.8599, 63.9100, 80.7287

Complementary

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



70.2051, 63.9100, 95.8244



69.6144, 83.6460, 65.3027

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.



49.6022, 63.9100, 62.4022



70.2051, 63.9100, 95.8244



57.1197, 63.9100, 41.3550

Square

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



70.2051, 63.9100, 95.8244



69.3228, 63.9100, 46.8457



52.1745, 63.9100, 48.6379



52.9048, 63.9100, 98.7046

Rectangle

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



70.2051, 63.9100, 95.8244



73.6366, 63.9100, 65.0296



52.1745, 63.9100, 48.6379



49.4525, 63.9100, 74.3528

Sweetspot

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



70.2071, 63.9127, 95.8258



88.8841, 89.8619, 107.2681



62.7261, 64.6531, 96.3630



18.8865, 19.0080, 22.9234



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.



70.2071, 63.9127, 95.8258



72.8139, 64.0241, 103.1279



72.9070, 65.5012, 87.0714



16.7596, 16.5342, 20.8507



19.1564, 8.8498, 47.2366



1.7804, 0.8277, 4.1562

Inverse Universe

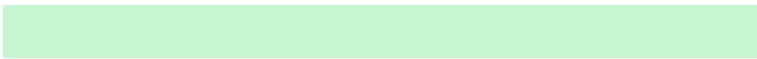
The Inverse Universe completely reimagines the original color for something new.



69.6073, 64.1813, 69.6952



72.1248, 64.4096, 69.6280



67.4226, 82.3589, 72.3005



16.6796, 16.5547, 18.0596



20.8488, 10.6829, 3.9120



1.8732, 0.9553, 0.5588

Previews

White Background



This preview shows how the XYZ color 70.2051, 63.9100, 95.8244 looks on a white background.

Color Contrast Check

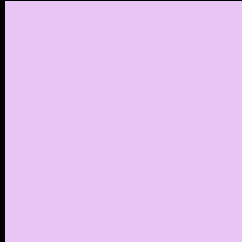
Large Text (above 18pt) WCAG AA × Fail

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 70.2051, 63.9100, 95.8244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

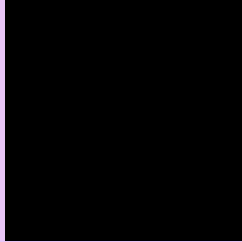
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 70.2051, 63.9100, 95.8244

Background



This preview shows how black text looks on a background with the XYZ color 70.2051, 63.9100, 95.8244.



This preview shows how white text looks on a background with the XYZ color 70.2051, 63.9100,

95.8244.

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

70.2051, 63.9100, 95.8244

Protanopia

63.5956, 63.8596, 101.9028

Deuteranopia

65.5149, 63.9244, 95.2718



Tritanopia

66.0885, 63.9610, 75.1921

Trichromacy



Original Color

70.2051, 63.9100, 95.8244

Protanomaly

65.4752, 63.4629, 99.2411

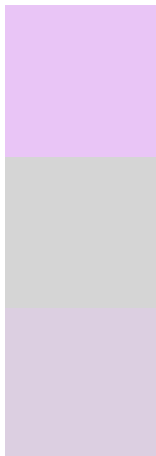
Deuteranomaly

66.8833, 63.5815, 95.1335

Tritanomaly

67.2910, 63.7330, 82.1539

Monochromacy



Original Color

70.2051, 63.9100, 95.8244

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

65.4186, 65.2775, 80.3861

CSS Examples

Text

The CSS property to change the color of the text to XYZ 70.2051, 63.9100, 95.8244 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, 197, 246)` looks like.

```
.text, #text, p{  
    color:rgb(233, 197, 246)  
}
```

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, 197, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 197, 246) }
```

Border

The CSS property to change the border of an element to XYZ 70.2051, 63.9100, 95.8244 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, 197, 246) }
```


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

```
.border{ border-color:rgb(233, 197, 246) }
```

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

Here you see how a box with a 4 pixel rgb(233, 197, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 197, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 197, 246);  
box-shadow:4px 4px 4px 4px rgb(233, 197,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 70.2051, 63.9100, 95.8244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 197, 246) }
```

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

```
.background{ background-color: rgb(233,  
197, 246) }
```

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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