

Converting Colors

XYZ(67.3998, 61.7029, 84.7105)

Have a look what the booklet for
XYZ(67.3998, 61.7029, 84.7105)
contains.

XYZ(67.4615, 61.7334, 84.7041)	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(67.4615, 61.7334,
84.7041)**

Conversions

Conversions Part 1

Format	Color
Hex	E9C2E8
RGB	233, 194, 232
RGB Percent	91%, 76%, 91%
CMY	0.0863, 0.2392, 0.0902
CMYK	0.00, 0.17, 0.00, 0.09
HSL	302°, 47%, 84%
HSV	302°, 17%, 91%
XYZ	67.4615, 61.7334, 84.7041
YIQ	209.9930, 11.0460, 20.0860

Conversions

Conversions Part 2

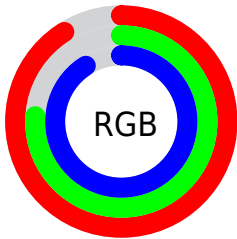
Format	Color
R _Y B	233, 194, 232
Decimal	15319784
CIE Lab	82.77, 20.27, -13.65
CIE LCh	83, 24.434, 326.051
Yxy	61.7334, 0.3154, 0.2886
Android (android.graphics.Color)	4293509864 (0xFFE9C2E8)
YUV	209.9930, 10.8495, 20.1771
Hunter-Lab	78.5706, 15.7633, -8.9190

Details

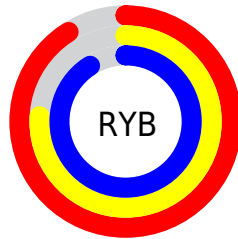
The XYZ color **67.4615, 61.7334, 84.7041** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **61.2397, 73.6890, 62.6287**, and the grayscale version is **61.1815, 64.3677, 70.0964**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **35.3460, 31.2379, 45.2409** is the 20% darker color. If you saturate the color by 10%, you get **62.5929, 52.1308, 82.6639**, and if you desaturate by 10%, it is **73.1471, 72.9675, 87.0195**.

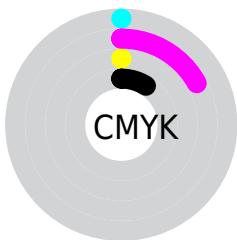
Distribution



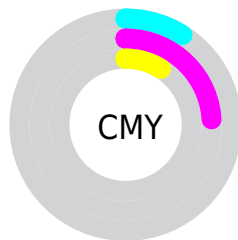
- Red (91%)
- Green (76%)
- Blue (91%)



- Red (91%)
- Yellow (76%)
- Blue (91%)



- Cyan (0%)
- Magenta (17%)
- Yellow (0%)
- Black (9%)



- Cyan (9%)
- Magenta (24%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4615, 61.7334, 84.7041 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 67.4615, 61.7334, 84.7041 by changing the saturation by 10% instead.

67.4615, 61.7334,
84.7041

67.4615, 61.7334,
84.7041

440.9924,
430.9580, 530.7675

49.7318, 44.8173,
63.0482

114.6276,
107.3401, 141.8302

35.4173, 31.3136,
45.4389

144.7947,
136.7996, 178.1374

24.1525, 20.8377,
31.4578

179.8384,
171.2089, 220.1655

15.5721, 13.0054,
20.6863

220.1240,
210.9525, 268.3329

9.3108, 7.4323,
12.7059

266.0168,
256.4149, 323.0583

5.0032, 3.7339,
7.0980

317.8823,

2.2839, 1.5258,

307.9803, 384.7602

3.4441

376.0857,
366.0332, 453.8571

0.7864, 0.3068,
1.3256

0.0000, 0.0000,
0.0827

67.4615, 61.7334,
84.7041

67.4615, 61.7334,
84.7041

62.5929, 52.1308,
82.6639

73.1471, 72.9675,
87.0195

58.4980, 44.0761,
80.8822

79.6794, 85.8956,
89.6179

55.1378, 37.4904,
79.3470

84.1864, 94.7725,
91.5425

52.4678, 32.2847,
78.0432

84.2723, 94.8069,
91.9949

50.4388, 28.3604,
76.9544

84.3585, 94.8414,
92.4489

48.9949, 25.6059,
76.0621

84.4450, 94.8760,
92.9044

48.0706, 23.8902,
75.3445

84.5318, 94.9107,
93.3614

47.5829, 23.0472,
74.7738

84.6188, 94.9455,
93.8199

47.4734, 22.8713,
74.6044

84.7062, 94.9805,
94.2799

Harmonies

Analogous

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



63.2253, 61.7334, 96.7052



67.4615, 61.7334, 84.7041



69.3424, 61.7334, 69.2294

Triad

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



67.4615, 61.7334, 84.7041



59.3742, 61.7334, 42.2874



50.0595, 61.7334, 80.7413

Complementary

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



67.4615, 61.7334, 84.7041



61.2397, 73.6890, 62.6287

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.



49.1632, 61.7334, 65.2443



67.4615, 61.7334, 84.7041



54.3499, 61.7334, 44.4304

Square

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



67.4615, 61.7334, 84.7041



64.5003, 61.7334, 45.9595



50.6880, 61.7334, 52.3196



53.2128, 61.7334, 94.1881

Rectangle

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



67.4615, 61.7334, 84.7041



68.9298, 61.7334, 59.5305



50.6880, 61.7334, 52.3196



49.4927, 61.7334, 75.5386

Sweetspot

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



67.4633, 61.7361, 84.7054



91.0640, 92.1121, 107.3118



56.4179, 56.0255, 84.9322



19.3761, 19.4876, 22.9229



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.



67.4633, 61.7361, 84.7054



80.6730, 71.5818, 103.0724



64.8893, 60.7065, 71.1508



15.6972, 15.3067, 18.9565



26.9446, 12.9805, 42.3711



2.1211, 1.0214, 3.3551

Inverse Universe

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



67.4633, 61.7361, 84.7054



80.6730, 71.5818, 103.0724



63.5460, 74.6115, 74.7732



15.6972, 15.3067, 18.9565



26.9446, 12.9805, 42.3711



2.1211, 1.0214, 3.3551

Previews

White Background



This preview shows how the XYZ color 67.4615, 61.7334, 84.7041 looks on a white background.

Color Contrast Check

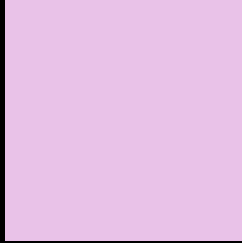
Large Text (above 18pt) WCAG AA × Fail

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 67.4615, 61.7334, 84.7041 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

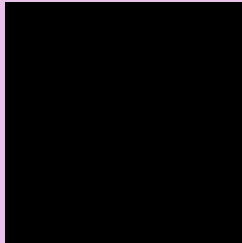
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.4615, 61.7334, 84.7041

Background



This preview shows how black text looks on a background with the XYZ color 67.4615, 61.7334, 84.7041.



This preview shows how white text looks on a background with the XYZ color 67.4615, 61.7334,

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

67.4615, 61.7334, 84.7041

Protanopia

61.2307, 62.1740, 90.4349

Deuteranopia

63.3348, 61.9899, 84.2284



Tritanopia

64.6096, 61.5596, 71.4277

Trichromacy



Original Color

67.4615, 61.7334, 84.7041

Protanomaly

63.1783, 61.8265, 87.9607

Deuteranomaly

64.7421, 61.6873, 84.0959

Tritanomaly

65.6132, 61.6361, 76.1489

Monochromacy



Original Color

67.4615, 61.7334, 84.7041

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.1612, 63.1531, 75.1905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4615, 61.7334, 84.7041 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, 194, 232)` looks like.

```
.text, #text, p{  
    color:rgb(233, 194, 232)  
}
```

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, 194, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 194, 232) }
```

Border

The CSS property to change the border of an element to XYZ 67.4615, 61.7334, 84.7041 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, 194, 232) }
```


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

```
.border{ border-color:rgb(233, 194, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 194, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 194, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 194, 232);  
box-shadow:4px 4px 4px 4px rgb(233, 194,  
232) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4615, 61.7334, 84.7041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 194, 232) }
```

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

```
.background{ background-color: rgb(233,  
194, 232) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor