

Converting Colors

XYZ(67.2271, 61.6774, 81.7605)

Have a look what the booklet for
XYZ(67.2271, 61.6774, 81.7605)
contains.

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Color

**XYZ(67.2271, 61.6774,
81.7605)**

Conversions

Conversions Part 1

Format	Color
Hex	EAC2E4
RGB	234, 194, 228
RGB Percent	92%, 76%, 89%
CMY	0.0823, 0.2392, 0.1059
CMYK	0.00, 0.17, 0.03, 0.08
HSL	309°, 49%, 84%
HSV	309°, 17%, 92%
XYZ	67.2271, 61.6774, 81.7605
YIQ	209.8360, 12.9260, 19.0540

Conversions

Conversions Part 2

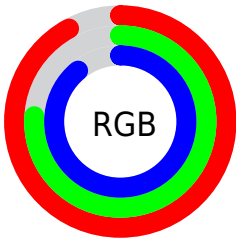
Format	Color
R_{YB}	234, 194, 228
Decimal	15385316
CIE _{Lab}	82.74, 19.88, -11.54
CIE _{LCh}	83, 22.988, 329.864
Yxy	61.6774, 0.3191, 0.2928
Android (android.graphics.Color)	4293575396 (0xFFEAC2E4)
YUV	209.8360, 8.9549, 21.1918
Hunter-Lab	78.5350, 15.3625, -6.7507

Details

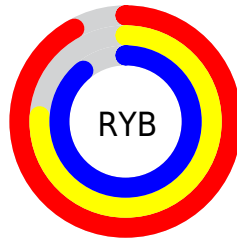
The XYZ color **67.2271, 61.6774, 81.7605** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **62.0987, 74.4870, 65.7514**, and the grayscale version is **61.0897, 64.2711, 69.9913**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **35.2810, 31.2383, 43.7052** is the 20% darker color. If you saturate the color by 10%, you get **61.9418, 51.8780, 77.6192**, and if you desaturate by 10%, it is **73.3459, 73.1261, 86.2299**.

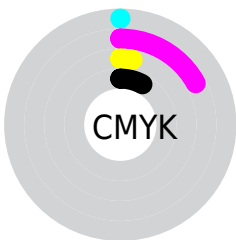
Distribution



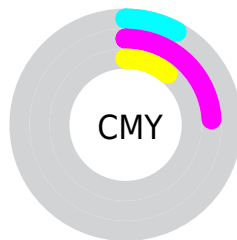
- Red (92%)
- Green (76%)
- Blue (89%)



- Red (92%)
- Yellow (76%)
- Blue (89%)



- Cyan (0%)
- Magenta (17%)
- Yellow (3%)
- Black (8%)



- Cyan (8%)
- Magenta (24%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.2271, 61.6774, 81.7605 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 67.2271, 61.6774, 81.7605 by changing the saturation by 10% instead.

67.2271, 61.6774,
81.7605

67.2271, 61.6774,
81.7605

440.1725,
430.7534, 520.7086

49.5406, 44.7721,
60.6335

114.2938,
107.2591, 137.6718

35.2648, 31.2779,
43.5008

144.4046,
136.7044, 173.2931

24.0344, 20.8106,
29.9439

179.3876,
171.0983, 214.5829

15.4840, 12.9856,
19.5444

219.6082,
210.8255, 261.9598

9.2483, 7.4186,
11.8835

265.4315,
256.2701, 315.8422

4.9619, 3.7253,
6.5428

317.2232,

2.2594, 1.5211,

307.8168, 376.6489

3.1038

375.3484,
365.8497, 444.7981

■ 0.7738, 0.3035,
1.1479

■ 0.0000, 0.0000,
0.0000

■ 67.2271, 61.6774,
81.7605

■ 67.2271, 61.6774,
81.7605

■ 61.9418, 51.8780,
77.6192

■ 73.3459, 73.1261,
86.2299

■ 57.4463, 43.6433,
73.7890

■ 80.3286, 86.2877,
91.0356

■ 53.7010, 36.8933,
70.2572

■ 85.2033, 95.2171,
95.1880

■ 50.6607, 31.5378,
67.0083

■ 85.7257, 95.4261,
97.9394

■ 48.2752, 27.4766,
64.0254

■ 86.2584, 95.6392,
100.7441

■ 46.4880, 24.5963,
61.2892

■ 86.8012, 95.8563,
103.6025

■ 45.2322, 22.7638,
58.7773

■ 87.3542, 96.0775,
106.5147

■ 44.4217, 21.8067,
56.4606

■ 87.7422, 96.2327,
108.5580

■ 44.2290, 21.6114,
55.8100

Harmonies

Analogous

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



63.4808, 61.6774, 93.6176



67.2271, 61.6774, 81.7605



68.6435, 61.6774, 67.2206

Triad

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



67.2271, 61.6774, 81.7605



58.6450, 61.6774, 43.4605



50.7650, 61.6774, 81.6335

Complementary

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



67.2271, 61.6774, 81.7605



62.0987, 74.4870, 65.7514

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.



49.6276, 61.6774, 67.0919



67.2271, 61.6774, 81.7605



54.0187, 61.6774, 46.2196

Square

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



67.2271, 61.6774, 81.7605



63.5218, 61.6774, 46.2698



50.7854, 61.6774, 54.4036



53.9818, 61.6774, 93.5373

Rectangle

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



67.2271, 61.6774, 81.7605



68.0176, 61.6774, 58.3301



50.7854, 61.6774, 54.4036



50.1351, 61.6774, 76.8305

Sweetspot

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



67.2289, 61.6801, 81.7618



90.8101, 92.0106, 105.9750



57.9651, 56.8065, 85.7528



19.3142, 19.4629, 22.5968



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.



67.2289, 61.6801, 81.7618



79.0150, 69.9567, 97.3069



64.6108, 60.6328, 67.9750



15.6120, 15.2727, 18.5082



24.8912, 12.1592, 31.5583



1.9809, 0.9653, 2.6170

Inverse Universe

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



67.2289, 61.6801, 81.7618



79.0150, 69.9567, 97.3069



64.5914, 75.4840, 78.8777



15.6120, 15.2727, 18.5082



24.8912, 12.1592, 31.5583



1.9809, 0.9653, 2.6170

Previews

White Background



This preview shows how the XYZ color 67.2271, 61.6774, 81.7605 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 67.2271, 61.6774, 81.7605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

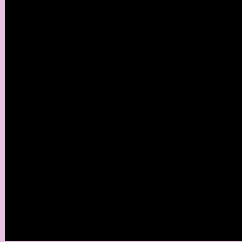
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.2271, 61.6774, 81.7605

Background



This preview shows how black text looks on a background with the XYZ color 67.2271, 61.6774, 81.7605.



This preview shows how white text looks on a background with the XYZ color 67.2271, 61.6774,

81.7605.

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

67.2271, 61.6774, 81.7605

Protanopia

60.9141, 62.0783, 87.3691

Deuteranopia

63.3670, 62.0711, 81.3142



Tritanopia

65.1286, 61.8418, 70.7914

Trichromacy



Original Color

67.2271, 61.6774, 81.7605

Protanomaly

62.8927, 61.7456, 84.9472

Deuteranomaly

64.4906, 61.6222, 81.1683

Tritanomaly

65.9991, 61.8654, 74.7924

Monochromacy



Original Color

67.2271, 61.6774, 81.7605

Achromatopsia

61.2578, 64.4480, 70.1838

Achromatomaly

63.3307, 63.2556, 74.5173

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.2271, 61.6774, 81.7605 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(234, 194, 228)` looks like.

```
.text, #text, p{  
    color:rgb(234, 194, 228)  
}
```

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(234, 194, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 194, 228) }
```

Border

The CSS property to change the border of an element to XYZ 67.2271, 61.6774, 81.7605 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(234, 194, 228) }
```


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

```
.border{ border-color:rgb(234, 194, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 194, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 194, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 194, 228);  
box-shadow:4px 4px 4px 4px rgb(234, 194,  
228) }
```

Background

The CSS property to change the background color of an element to XYZ 67.2271, 61.6774, 81.7605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 194, 228) }
```

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

```
.background{ background-color: rgb(234,  
194, 228) }
```

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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