

Converting Colors

XYZ(72.7365, 67.2601, 97.1446)

Have a look what the booklet for
XYZ(72.7365, 67.2601, 97.1446)
contains.

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Color

**XYZ(72.7365, 67.2601,
97.1446)**

Conversions

Conversions Part 1

Format	Color
Hex	ECCBF7
RGB	236, 203, 247
RGB Percent	93%, 80%, 97%
CMY	0.0745, 0.2039, 0.0314
CMYK	0.04, 0.18, 0.00, 0.03
HSL	285°, 73%, 88%
HSV	285°, 18%, 97%
XYZ	72.7365, 67.2601, 97.1446
YIQ	217.8830, 5.5440, 20.6800

Conversions

Conversions Part 2

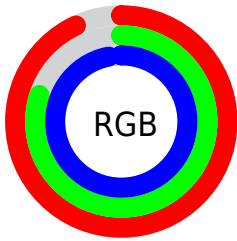
Format	Color
R _Y B	236, 203, 247
Decimal	15518711
CIE Lab	85.64, 19.26, -17.30
CIE LCh	86, 25.892, 318.060
Yxy	67.2601, 0.3067, 0.2836
Android (android.graphics.Color)	4293708791 (0xFFECCBF7)
YUV	217.8830, 14.3547, 15.8886
Hunter-Lab	82.0123, 14.7898, -12.8212

Details

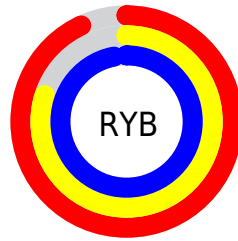
The XYZ color **72.7365, 67.2601, 97.1446** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **71.7742, 85.1312, 69.1522**, and the grayscale version is **66.4632, 69.9245, 76.1478**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.9738, 34.9598, 53.9840** is the 20% darker color. If you saturate the color by 10%, you get **65.3474, 55.4721, 95.2598**, and if you desaturate by 10%, it is **81.1299, 80.9489, 99.3454**.

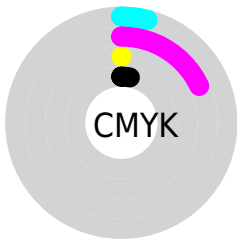
Distribution



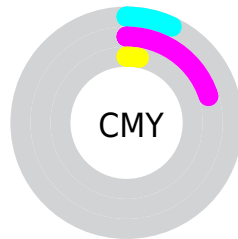
- Red (93%)
- Green (80%)
- Blue (97%)



- Red (93%)
- Yellow (80%)
- Blue (97%)



- Cyan (4%)
- Magenta (18%)
- Yellow (0%)
- Black (3%)



- Cyan (7%)
- Magenta (20%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.7365, 67.2601, 97.1446 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 72.7365, 67.2601, 97.1446 by changing the saturation by 10% instead.

72.7365, 67.2601,
97.1446

72.7365, 67.2601,
97.1446

459.2190,
450.8700, 572.1669

54.0481, 49.2960,
73.3145

122.1082,
115.2930, 159.2451

38.8710, 34.8544,
53.7398

153.5223,
146.1307, 198.3526

26.8396, 23.5507,
38.0019

189.9090,
182.0283, 243.3897

17.5888, 15.0007,
25.6823

231.6336,
223.3703, 294.7748

10.7531, 8.8199,
16.3625

279.0616,
270.5411, 352.9265

5.9671, 4.6239,
9.6239

332.5582,

2.8656, 2.0283,

323.9251, 418.2634

5.0480

392.4889,
383.9066, 491.2041

■ 1.0831, 0.6238,
2.2162

■ 0.0109, 0.0000,
0.6837

■ 72.7365, 67.2601,
97.1446

■ 72.7365, 67.2601,
97.1446

■ 65.3474, 55.4721,
95.2598

■ 81.1299, 80.9489,
99.3454

■ 58.9117, 45.4881,
93.6718

■ 90.5630, 96.6122,
101.8716

■ 53.3834, 37.2157,
92.3665

■ 93.6151, 99.4060,
102.2500

■ 48.7099, 30.5507,
91.3263

■ 93.7887, 99.4955,
102.2581

■ 44.8327, 25.3775,
90.5321

■ 41.6856, 21.5646,
89.9621

■ 39.1906, 18.9572,
89.5903

■ 37.2430, 17.3472,
89.3822

■ 36.8563, 17.0607,
89.3472

Harmonies

Analogous

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



67.5076, 67.2601, 108.6372



72.7365, 67.2601, 97.1446



75.6723, 67.2601, 80.1582

Triad

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



72.7365, 67.2601, 97.1446



66.3025, 67.2601, 45.8441



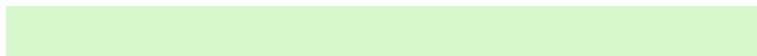
53.7462, 67.2601, 83.7671

Complementary

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



72.7365, 67.2601, 97.1446



71.7742, 85.1312, 69.1522

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.



53.4677, 67.2601, 66.7220



72.7365, 67.2601, 97.1446



60.4786, 67.2601, 46.5038

Square

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



72.7365, 67.2601, 97.1446



71.8077, 67.2601, 51.6440



55.8623, 67.2601, 53.6103



56.6482, 67.2601, 100.1338

Rectangle

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



72.7365, 67.2601, 97.1446



75.8215, 67.2601, 68.7766



55.8623, 67.2601, 53.6103



53.3495, 67.2601, 77.8816

Sweetspot

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



72.7385, 67.2630, 97.1461



89.9536, 91.5336, 107.5344



65.6524, 67.8800, 97.6386



19.1054, 19.3466, 22.9773



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.



72.7385, 67.2630, 97.1461



75.5266, 68.0121, 103.7547



74.9628, 68.5877, 89.2061



16.7854, 16.5475, 20.8519



19.6286, 9.0932, 47.2587



1.8185, 0.8473, 4.1579

Inverse Universe

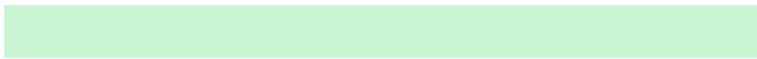
The Inverse Universe completely reimagines the original color for something new.



71.8536, 67.3440, 72.8330



74.4766, 68.1414, 73.4082



69.9358, 84.0374, 75.6661



16.6691, 16.5505, 18.0038



20.7900, 10.6594, 3.6026



1.8668, 0.9527, 0.5249

Previews

White Background



This preview shows how the XYZ color 72.7365, 67.2601, 97.1446 looks on a white background.

Color Contrast Check

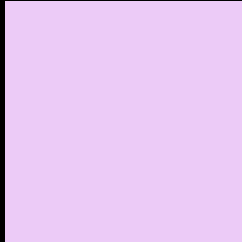
Large Text (above 18pt) WCAG AA × Fail

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 72.7365, 67.2601, 97.1446 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

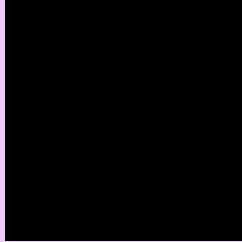
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.7365, 67.2601, 97.1446

Background



This preview shows how black text looks on a background with the XYZ color 72.7365, 67.2601, 97.1446.



This preview shows how white text looks on a background with the XYZ color 72.7365, 67.2601,

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

72.7365, 67.2601, 97.1446

Protanopia

66.7267, 67.3006, 102.4020

Deuteranopia

68.9502, 67.4704, 96.5778



Tritanopia

68.9108, 67.1092, 79.1334

Trichromacy



Original Color

72.7365, 67.2601, 97.1446

Protanomaly

68.8283, 67.3177, 100.6328

Deuteranomaly

70.3114, 67.4482, 96.5018

Tritanomaly

70.2411, 67.2924, 85.6306

Monochromacy



Original Color

72.7365, 67.2601, 97.1446

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

68.9884, 69.2532, 83.8599

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.7365, 67.2601, 97.1446 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(236, 203, 247)` looks like.

```
.text, #text, p{  
    color:rgb(236, 203, 247)  
}
```

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(236, 203, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 203, 247) }
```

Border

The CSS property to change the border of an element to XYZ 72.7365, 67.2601, 97.1446 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(236, 203, 247) }
```


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

```
.border{ border-color:rgb(236, 203, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 203, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(236, 203, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(236, 203, 247); box-shadow:4px 4px 4px 4px rgb(236, 203, 247) }
```

Background

The CSS property to change the background color of an element to XYZ 72.7365, 67.2601, 97.1446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 203, 247) }
```

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

```
.background{ background-color: rgb(236,  
203, 247) }
```

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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