

Converting Colors

XYZ(72.5276, 66.0460, 99.1797)

Have a look what the booklet for
XYZ(72.5276, 66.0460, 99.1797)
contains.

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Color

**XYZ(72.5017, 66.0435,
99.3689)**

Conversions

Conversions Part 1

Format	Color
Hex	ECC8FA
RGB	236, 200, 250
RGB Percent	93%, 78%, 98%
CMY	0.0745, 0.2157, 0.0196
CMYK	0.06, 0.20, 0.00, 0.02
HSL	283°, 83%, 88%
HSV	283°, 20%, 98%
XYZ	72.5017, 66.0435, 99.3689
YIQ	216.4640, 5.4060, 23.1820

Conversions

Conversions Part 2

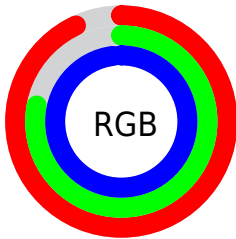
Format	Color
R _Y B	236, 200, 250
Decimal	15517946
CIE Lab	85.02, 21.42, -19.83
CIE LCh	85, 29.191, 317.219
Yxy	66.0435, 0.3047, 0.2776
Android (android.graphics.Color)	4293708026 (0xFFECC8FA)
YUV	216.4640, 16.5332, 17.1331
Hunter-Lab	81.2672, 17.0295, -15.6095

Details

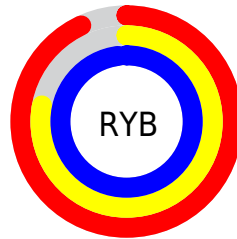
The XYZ color **72.5017, 66.0435, 99.3689** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **72.3447, 86.8391, 67.5953**, and the grayscale version is **65.4765, 68.8864, 75.0172**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7269, 34.1113, 54.9951** is the 20% darker color. If you saturate the color by 10%, you get **64.9002, 54.2224, 97.4888**, and if you desaturate by 10%, it is **81.1450, 79.8105, 101.5716**.

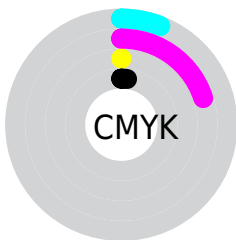
Distribution



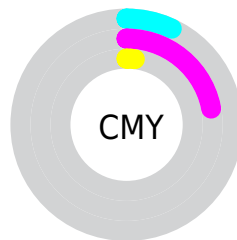
- Red (93%)
- Green (78%)
- Blue (98%)



- Red (93%)
- Yellow (78%)
- Blue (98%)



- Cyan (6%)
- Magenta (20%)
- Yellow (0%)
- Black (2%)



- Cyan (7%)
- Magenta (22%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.5017, 66.0435, 99.3689 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 72.5017, 66.0435, 99.3689 by changing the saturation by 10% instead.


 72.5017, 66.0435,
99.3689

 72.5017, 66.0435,
99.3689

458.4165,
446.5324, 579.3968

 53.8555, 48.3077,
75.1596

121.7765,
113.5488, 162.3339

 38.7164, 34.0706,
55.2412

153.1358,
144.0870, 201.9268

 26.7189, 22.9479,
39.1949


189.4636,
179.6616, 247.4846

 17.4977, 14.5550,
26.6024

231.1252,
220.6568, 299.4259

 10.6875, 8.5077,
17.0451

278.4859,
267.4571, 358.1692

 5.9228, 4.4215,
10.1043

331.9111,

 2.8384, 1.9120,

320.4469, 424.1331

5.3617

391.7662,
380.0105, 497.7361

■ 1.0689, 0.5556,
2.3986

■ 0.0000, 0.0000,
0.7857

■ 72.5017, 66.0435,
99.3689

■ 72.5017, 66.0435,
99.3689

■ 64.9002, 54.2224,
97.4888

■ 81.1450, 79.8105,
101.5716

■ 58.2874, 44.2463,
95.9118

■ 90.8679, 95.6011,
104.1071

■ 52.6146, 36.0180,
94.6226

■ 94.2555, 99.6822,
104.7163

■ 47.8260, 29.4276,
93.6029

■ 43.8597, 24.3527,
92.8324

■ 40.6448, 20.6533,
92.2878

■ 38.0971, 18.1626,
91.9413

■ 36.0782, 16.6057,
91.7472

■ 36.0779, 16.6055,
91.7472

Harmonies

Analogous

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



66.5842, 66.0435, 112.2696



72.5017, 66.0435, 99.3689



75.9067, 66.0435, 80.2091

Triad

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



72.5017, 66.0435, 99.3689



65.6069, 66.0435, 42.0990



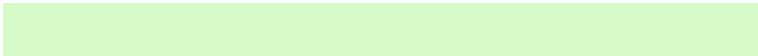
51.4692, 66.0435, 83.1530

Complementary

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



72.5017, 66.0435, 99.3689



72.3447, 86.8391, 67.5953

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.



51.2479, 66.0435, 64.2043



72.5017, 66.0435, 99.3689



59.1088, 66.0435, 42.6082

Square

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



72.5017, 66.0435, 99.3689



71.7434, 66.0435, 48.5037



53.9549, 66.0435, 50.0422



54.5822, 66.0435, 101.8452

Rectangle

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



72.5017, 66.0435, 99.3689



76.1484, 66.0435, 67.4618



53.9549, 66.0435, 50.0422



51.0623, 66.0435, 76.5499

Sweetspot

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



72.5037, 66.0463, 99.3703



88.8032, 89.8202, 107.2643



65.1660, 67.3618, 100.0110



18.8674, 18.9981, 22.9225



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.



72.5037, 66.0463, 99.3703



72.5115, 63.8682, 103.1138



75.6852, 67.8771, 90.9046



17.4915, 17.2660, 21.7961



19.2839, 8.8839, 48.6719



1.8892, 0.8760, 4.5127

Inverse Universe

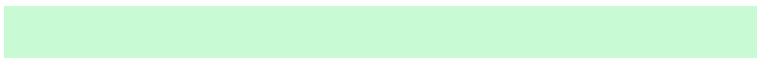
The Inverse Universe completely reimagines the original color for something new.



72.2184, 66.4904, 72.6487



72.2372, 64.4546, 70.2198



69.7443, 85.3470, 74.3190



17.4443, 17.3051, 18.9297



21.5508, 11.0360, 4.3428



2.0391, 1.0394, 0.6291

Previews

White Background



This preview shows how the XYZ color 72.5017, 66.0435, 99.3689 looks on a white background.

Color Contrast Check

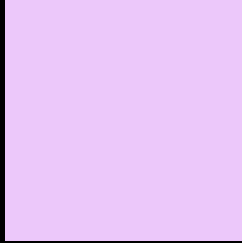
Large Text (above 18pt) WCAG AA × Fail

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 72.5017, 66.0435, 99.3689 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 72.5017, 66.0435, 99.3689

Background



This preview shows how black text looks on a background with the XYZ color 72.5017, 66.0435, 99.3689.

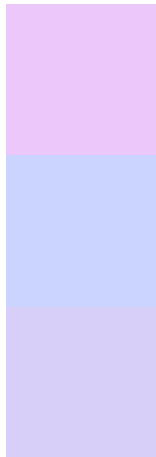


This preview shows how white text looks on a background with the XYZ color 72.5017, 66.0435,

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

72.5017, 66.0435, 99.3689

Protanopia

65.9729, 66.5050, 103.9674

Deuteranopia

67.7306, 66.0641, 98.8044



Tritanopia

68.1612, 66.0389, 77.5609

Trichromacy



Original Color

72.5017, 66.0435, 99.3689

Protanomaly

68.0668, 66.1646, 102.1120

Deuteranomaly

69.1232, 65.7133, 98.6633

Tritanomaly

69.5257, 65.8617, 85.3921

Monochromacy



Original Color

72.5017, 66.0435, 99.3689

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.4816, 67.3826, 82.8483

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.5017, 66.0435, 99.3689 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, 200, 250)` looks like.

```
.text, #text, p{  
    color:rgb(236, 200, 250)  
}
```

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, 200, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 200, 250) }
```

Border

The CSS property to change the border of an element to XYZ 72.5017, 66.0435, 99.3689 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, 200, 250) }
```


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

```
.border{ border-color:rgb(236, 200, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 200, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 200, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 200, 250);  
box-shadow:4px 4px 4px 4px rgb(236, 200,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 72.5017, 66.0435, 99.3689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 200, 250) }
```

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

```
.background{ background-color: rgb(236,  
200, 250) }
```

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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