

Converting Colors

XYZ(72.1876, 65.9434, 92.0048)

Have a look what the booklet for
XYZ(72.1876, 65.9434, 92.0048)
contains.

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Color

**XYZ(72.1281, 66.0101,
92.1588)**

Conversions

Conversions Part 1

Format	Color
Hex	EFC8F1
RGB	239, 200, 241
RGB Percent	94%, 78%, 95%
CMY	0.0627, 0.2157, 0.0549
CMYK	0.01, 0.17, 0.00, 0.05
HSL	297°, 59%, 86%
HSV	297°, 17%, 95%
XYZ	72.1281, 66.0101, 92.1588
YIQ	216.3350, 10.0830, 21.0190

Conversions

Conversions Part 2

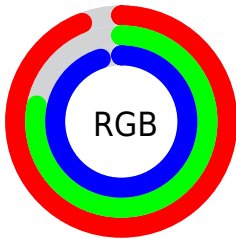
Format	Color
R _Y B	239, 200, 241
Decimal	15714545
CIE Lab	85.00, 20.71, -15.05
CIE LCh	85, 25.600, 324.005
Yxy	66.0101, 0.3132, 0.2866
Android (android.graphics.Color)	4293904625 (0xFFEFC8F1)
YUV	216.3350, 12.1598, 19.8772
Hunter-Lab	81.2466, 16.2850, -10.3806

Details

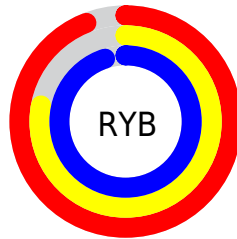
The XYZ color **72.1281, 66.0101, 92.1588** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **66.2400, 79.6390, 66.5274**, and the grayscale version is **65.4151, 68.8218, 74.9469**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5643, 34.1278, 50.4537** is the 20% darker color. If you saturate the color by 10%, you get **66.5857, 55.5115, 90.4255**, and if you desaturate by 10%, it is **78.5567, 78.2752, 94.1884**.

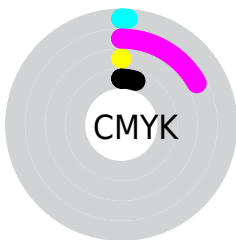
Distribution



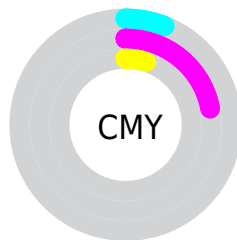
- Red (94%)
- Green (78%)
- Blue (95%)



- Red (94%)
- Yellow (78%)
- Blue (95%)



- Cyan (1%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (6%)
- Magenta (22%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.1281, 66.0101, 92.1588 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 72.1281, 66.0101, 92.1588 by changing the saturation by 10% instead.

72.1281, 66.0101,
92.1588

72.1281, 66.0101,
92.1588

457.1381,
446.4130, 555.7789

53.5492, 48.2806,
69.1888

121.2485,
113.5008, 152.2951

38.4706, 34.0492,
50.3927

152.5206,
144.0308, 190.2984

26.5270, 22.9314,
35.3522

188.7545,
179.5965, 234.1499

17.3530, 14.5428,
23.6486

230.3155,
220.5822, 284.2681

10.5834, 8.4992,
14.8634

277.5690,
267.3723, 341.0716

5.8527, 4.4160,
8.5780

330.8804,

2.7955, 1.9089,

320.3512, 404.9788

4.3739

390.6150,
379.9033, 476.4084

■ 1.0466, 0.5537,
1.8326

■ 0.0000, 0.0000,
0.4494

■ 72.1281, 66.0101,
92.1588

■ 72.1281, 66.0101,
92.1588

■ 66.5857, 55.5115,
90.4255

■ 78.5567, 78.2752,
94.1884

■ 61.8826, 46.6887,
88.9704

■ 85.9041, 92.3751,
96.5227

■ 57.9763, 39.4556,
87.7801

■ 88.4369, 96.8418,
97.2513

■ 54.8183, 33.7154,
86.8386

■ 88.8428, 97.0511,
97.2703

■ 52.3549, 29.3606,
86.1279

■ 89.2513, 97.2617,
97.2894

■ 50.5251, 26.2692,
85.6276

■ 89.6625, 97.4736,
97.3087

■ 49.2574, 24.2982,
85.3140

■ 90.0763, 97.6869,
97.3281

■ 48.4600, 23.2640,
85.1564

■ 90.4926, 97.9016,
97.3475

■ 48.2694, 23.0496,
85.1251

■ 90.9116, 98.1176,
97.3671

Harmonies

Analogous

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



67.3518, 66.0101, 104.8925



72.1281, 66.0101, 92.1588



74.4043, 66.0101, 75.2354

Triad

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



72.1281, 66.0101, 92.1588



63.9037, 66.0101, 44.7338



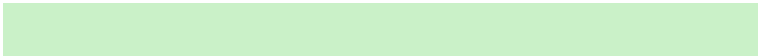
53.1634, 66.0101, 85.5555

Complementary

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



72.1281, 66.0101, 92.1588



66.2400, 79.6390, 66.5274

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.



52.3644, 66.0101, 68.6138



72.1281, 66.0101, 92.1588



58.3449, 66.0101, 46.6322

Square

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



72.1281, 66.0101, 92.1588



69.4728, 66.0101, 49.1575



54.2052, 66.0101, 54.8078



56.4581, 66.0101, 100.6905

Rectangle

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



72.1281, 66.0101, 92.1588



74.1039, 66.0101, 64.4724



54.2052, 66.0101, 54.8078



52.6028, 66.0101, 79.8210

Sweetspot

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



72.1301, 66.0130, 92.1602



90.8882, 92.0154, 107.5782



60.8316, 60.8979, 91.7684



19.3332, 19.4640, 22.9879



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.



72.1301, 66.0130, 92.1602



79.9737, 71.1970, 104.1351



70.1906, 65.3156, 78.4043



16.3736, 15.9898, 19.9450



26.2095, 12.5169, 46.1625



2.2037, 1.0533, 3.8414

Inverse Universe

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



67.5928, 64.2765, 64.7241



74.0328, 68.9257, 68.1055



67.9908, 80.2772, 78.5528



15.8040, 15.7713, 16.5243



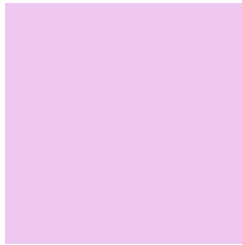
19.7205, 10.1606, 1.1790



1.6515, 0.8496, 0.1555

Previews

White Background



This preview shows how the XYZ color 72.1281, 66.0101, 92.1588 looks on a white background.

Color Contrast Check

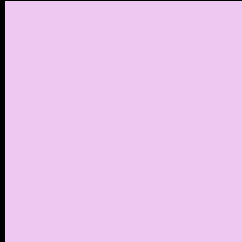
Large Text (above 18pt) WCAG AA × Fail

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 72.1281, 66.0101, 92.1588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

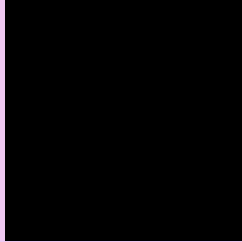
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.1281, 66.0101, 92.1588

Background



This preview shows how black text looks on a background with the XYZ color 72.1281, 66.0101, 92.1588.



This preview shows how white text looks on a background with the XYZ color 72.1281, 66.0101,

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

72.1281, 66.0101, 92.1588

Protanopia

65.4144, 66.3450, 98.1651

Deuteranopia

67.5562, 66.1326, 91.6423



Tritanopia

69.1032, 66.1859, 76.8432

Trichromacy



Original Color

72.1281, 66.0101, 92.1588

Protanomaly

67.4095, 65.9699, 95.5668

Deuteranomaly

68.9996, 65.8079, 91.5036

Tritanomaly

70.2846, 66.3178, 82.4950

Monochromacy



Original Color

72.1281, 66.0101, 92.1588

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

67.3777, 67.3767, 80.6880

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1281, 66.0101, 92.1588 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(239, 200, 241)` looks like.

```
.text, #text, p{  
    color:rgb(239, 200, 241)  
}
```

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(239, 200, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 200, 241) }
```

Border

The CSS property to change the border of an element to XYZ 72.1281, 66.0101, 92.1588 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(239, 200, 241) }
```


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

```
.border{ border-color:rgb(239, 200, 241) }
```

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

Here you see how a box with a 4 pixel rgb(239, 200, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 200, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 200, 241);  
box-shadow:4px 4px 4px 4px rgb(239, 200,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1281, 66.0101, 92.1588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 200, 241) }
```

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

```
.background{ background-color: rgb(239,  
200, 241) }
```

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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