

Converting Colors

XYZ(72.0082, 60.7261, 91.4809)

Have a look what the booklet for
XYZ(72.0082, 60.7261, 91.4809)
contains.

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Color

**XYZ(72.0846, 60.7716,
91.1499)**

Conversions

Conversions Part 1

Format	Color
Hex	F9B8F1
RGB	249, 184, 241
RGB Percent	98%, 72%, 95%
CMY	0.0235, 0.2784, 0.0549
CMYK	0.00, 0.26, 0.03, 0.02
HSL	307°, 84%, 85%
HSV	307°, 26%, 98%
XYZ	72.0846, 60.7716, 91.1499
YIQ	209.9330, 20.4430, 31.5070

Conversions

Conversions Part 2

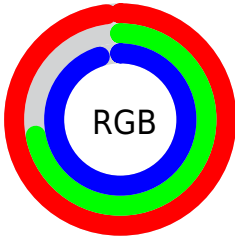
Format	Color
R _Y B	249, 184, 241
Decimal	16365809
CIE _{Lab}	82.26, 32.46, -19.09
CIE _{LCh}	82, 37.652, 329.541
Y _{xy}	60.7716, 0.3218, 0.2713
Android (android.graphics.Color)	4294555889 (0xFFFF9B8F1)
YUV	209.9330, 15.3160, 34.2618
Hunter-Lab	77.9561, 28.6324, -14.7553

Details

The XYZ color **72.0846, 60.7716, 91.1499** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **63.1598, 81.7494, 62.3230**, and the grayscale version is **61.1095, 64.2920, 70.0140**.

A 20% lighter version of the original color is **90.7453, 91.3906, 107.4651**, and **38.4778, 30.6745, 49.7917** is the 20% darker color. If you saturate the color by 10%, you get **66.9070, 51.1419, 87.1847**, and if you desaturate by 10%, it is **78.1840, 72.2304, 95.4617**.

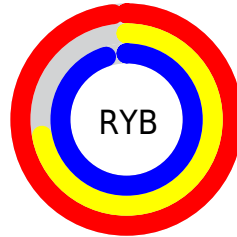
Distribution



Red (98%)

Green (72%)

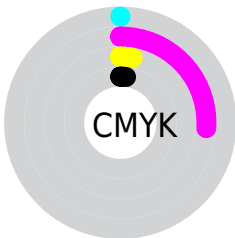
Blue (95%)



Red (98%)

Yellow (72%)

Blue (95%)

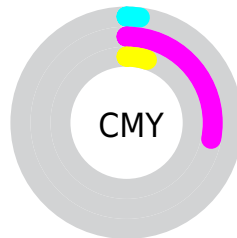


Cyan (0%)

Magenta (26%)

Yellow (3%)

Black (2%)



Cyan (2%)


Magenta (28%)


Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.0846, 60.7716, 91.1499 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 72.0846, 60.7716, 91.1499 by changing the saturation by 10% instead.


 72.0846, 60.7716,
91.1499

 72.0846, 60.7716,
91.1499


456.9891,
427.4361, 552.4307

 53.5135, 44.0409,
68.3557


 121.1870,
105.9482, 150.8841

 38.4420, 30.7026,
49.7187

152.4489,
135.1628, 188.6611

 26.5047, 20.3725,
34.8203


188.6719,
169.3075, 232.2695

 17.3362, 12.6661,
23.2420

230.2212,
208.7667, 282.1278

 10.5713, 7.1990,
14.5653

277.4622,
253.9247, 338.6545

 5.8445, 3.5869,
8.3717

330.7603,

 2.7905, 1.4453,

305.1660, 402.2682

4.2425

390.4808,
362.8750, 473.3874

■ 1.0440, 0.2497,
1.7593

■ 0.0000, 0.0000,
0.4009

■ 72.0846, 60.7716,
91.1499

■ 72.0846, 60.7716,
91.1499

■ 66.9070, 51.1419,
87.1847

■ 78.1840, 72.2304,
95.4617

■ 62.5977, 43.2377,
83.5462

■ 85.2438, 85.5987,
100.1311

■ 59.1067, 36.9577,
80.2180

■ 92.1135, 98.5744,
104.7756

■ 56.3760, 32.1864,
77.1807

■ 92.5987, 98.7685,
107.3304

■ 54.3406, 28.7933,
74.4124

■ 92.8774, 98.8800,
108.7983

■ 52.9238, 26.6257,
71.8875

■ 52.0310, 25.4940,
69.5740

■ 51.7684, 25.2204,
68.7108

Harmonies

Analogous

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



65.6950, 60.7716, 112.4552



72.0846, 60.7716, 91.1499



74.5766, 60.7716, 66.5241

Triad

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



72.0846, 60.7716, 91.1499



57.8851, 60.7716, 31.1302



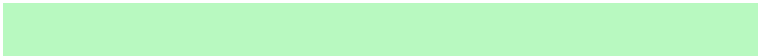
45.3687, 60.7716, 90.3940

Complementary

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



72.0846, 60.7716, 91.1499



63.1598, 81.7494, 62.3230

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.



43.6855, 60.7716, 65.8171



72.0846, 60.7716, 91.1499



50.4941, 60.7716, 34.7291

Square

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



72.0846, 60.7716, 91.1499



65.9282, 60.7716, 34.9596



45.4739, 60.7716, 46.2297



50.2989, 60.7716, 111.9525

Rectangle

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



72.0846, 60.7716, 91.1499



73.5301, 60.7716, 52.4825



45.4739, 60.7716, 46.2297



44.4258, 60.7716, 82.0515

Sweetspot

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



72.0865, 60.7743, 91.1512



88.4822, 87.5072, 104.7293



55.8750, 52.2758, 96.7690



18.6907, 18.2596, 22.2545



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.



72.0865, 60.7743, 91.1512



73.2782, 58.9001, 94.1089



67.7079, 59.0229, 68.0941



17.8957, 17.4856, 21.3063



27.7466, 13.5144, 36.9695



2.5949, 1.2617, 3.5559

Inverse Universe

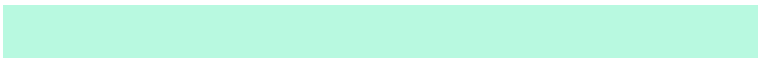
The Inverse Universe completely reimagines the original color for something new.



72.0865, 60.7743, 91.1512



73.2782, 58.9001, 94.1089



67.1109, 83.3298, 83.1296



17.8957, 17.4856, 21.3063



27.7466, 13.5144, 36.9695



2.5949, 1.2617, 3.5559

Previews

White Background



This preview shows how the XYZ color 72.0846, 60.7716, 91.1499 looks on a white background.

Color Contrast Check

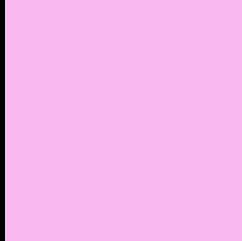
Large Text (above 18pt) WCAG AA × Fail

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 72.0846, 60.7716, 91.1499 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

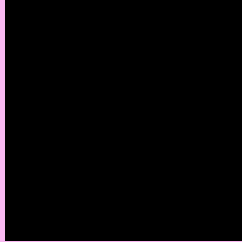
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.0846, 60.7716, 91.1499

Background



This preview shows how black text looks on a background with the XYZ color 72.0846, 60.7716, 91.1499.



This preview shows how white text looks on a background with the XYZ color 72.0846, 60.7716,

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

72.0846, 60.7716, 91.1499

Protanopia

61.2376, 61.2051, 102.3521

Deuteranopia

62.3814, 61.0369, 89.3824



Tritanopia

66.9585, 60.9025, 65.9839

Trichromacy



Original Color

72.0846, 60.7716, 91.1499



Protanomaly

64.2794, 60.4655, 97.9057



Deuteranomaly

65.6122, 60.6629, 89.9123



Tritanomaly

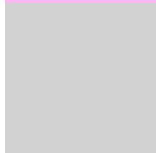
68.6441, 60.6212, 74.4128

Monochromacy



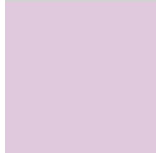
Original Color

72.0846, 60.7716, 91.1499



Achromatopsia

61.2578, 64.4480, 70.1838



Achromatomaly

64.6783, 62.8410, 77.1272

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0846, 60.7716, 91.1499 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(249, 184, 241)` looks like.

```
.text, #text, p{  
    color:rgb(249, 184, 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(249, 184, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 184, 241) }
```

Border

The CSS property to change the border of an element to XYZ 72.0846, 60.7716, 91.1499 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(249, 184, 241) }
```


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

```
.border{ border-color:rgb(249, 184, 241) }
```

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

Here you see how a box with a 4 pixel rgb(249, 184, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 184, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 184, 241);  
box-shadow:4px 4px 4px 4px rgb(249, 184,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 72.0846, 60.7716, 91.1499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 184, 241) }
```

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

```
.background{ background-color: rgb(249,  
184, 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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