

Converting Colors

XYZ(72.2297, 57.2379, 93.9176)

Have a look what the booklet for
XYZ(72.2297, 57.2379, 93.9176)
contains.

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Color

**XYZ(72.1070, 57.1685,
93.6204)**

Conversions

Conversions Part 1

Format	Color
Hex	FEACF5
RGB	254, 172, 245
RGB Percent	100%, 67%, 96%
CMY	0.0039, 0.3255, 0.0392
CMYK	0.00, 0.32, 0.04, 0.00
HSL	307°, 98%, 84%
HSV	307°, 32%, 100%
XYZ	72.1070, 57.1685, 93.6204
YIQ	204.8400, 25.4390, 40.0870

Conversions

Conversions Part 2

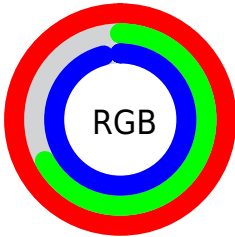
Format	Color
RYB	254, 172, 245
Decimal	16690421
CIELab	80.27, 41.04, -24.19
CIElCh	80, 47.642, 329.485
Yxy	57.1685, 0.3235, 0.2565
Android (android.graphics.Color)	4294880501 (0xFFFEACF5)
YUV	204.8400, 19.7989, 43.1133
Hunter-Lab	75.6099, 37.9132, -20.4862

Details

The XYZ color **72.1070, 57.1685, 93.6204** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **60.7979, 82.9923, 56.5342**, and the grayscale version is **57.7952, 60.8050, 66.2167**.

A 20% lighter version of the original color is **87.0334, 83.9668, 106.2278**, and **38.4287, 28.3668, 51.5940** is the 20% darker color. If you saturate the color by 10%, you get **67.3051, 48.2398, 89.9360**, and if you desaturate by 10%, it is **77.8427, 67.9525, 97.6489**.

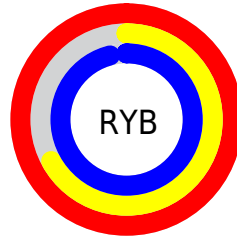
Distribution



Red (100%)

Green (67%)

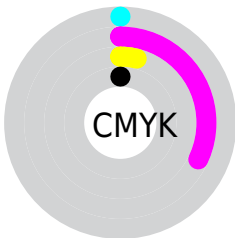
Blue (96%)



Red (100%)

Yellow (67%)

Blue (96%)

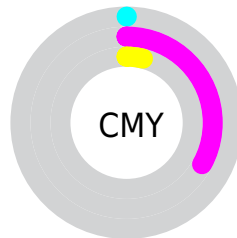


Cyan (0%)

Magenta (32%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.1070, 57.1685, 93.6204 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 72.1070, 57.1685, 93.6204 by changing the saturation by 10% instead.


 72.1070, 57.1685,
93.6204

 72.1070, 57.1685,
93.6204


457.0658,
414.0804, 560.6100

 53.5319, 41.1405,
70.3967


 121.2186,
100.7110, 154.3364

 38.4567, 28.4289,
51.3712

152.4858,
128.9943, 192.6658

 26.5162, 18.6492,
36.1254


188.7144,
162.1316, 236.8675

 17.3449, 11.4171,
24.2406

230.2698,
200.5072, 287.3601

 10.5775, 6.3481,
15.2983

277.5172,
244.5054, 344.5621

 5.8487, 3.0579,
8.8801

330.8221,

 2.7931, 1.1620,

294.5108, 408.8921

4.5673

390.5499,
350.9077, 480.7685

■ 1.0453, 0.0304,
1.9414

■ 0.0000, 0.0000,
0.5189

■ 72.1070, 57.1685,
93.6204

■ 72.1070, 57.1685,
93.6204

■ 67.3051, 48.2398,
89.9360

■ 77.8427, 67.9525,
97.6489

■ 63.3788, 41.0530,
86.5745

■ 84.5555, 80.6814,
102.0342

■ 60.2717, 35.4946,
83.5173

■ 92.2923, 95.4480,
106.7928

■ 57.9187, 31.4341,
80.7428

94.6835, 99.8111,
108.8828

■ 56.2445, 28.7212,
78.2256

■ 55.1583, 27.1742,
75.9354

■ 54.6176, 26.5687,
74.2879

Harmonies

Analogous

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



64.0787, 57.1685, 121.5303



72.1070, 57.1685, 93.6204



75.2817, 57.1685, 62.7294

Triad

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



72.1070, 57.1685, 93.6204



54.5052, 57.1685, 22.5618



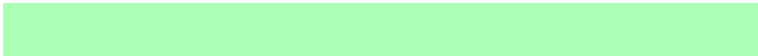
39.6199, 57.1685, 92.5301

Complementary

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



72.1070, 57.1685, 93.6204



60.7979, 82.9923, 56.5342

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.



37.6891, 57.1685, 61.7666



72.1070, 57.1685, 93.6204



45.6362, 57.1685, 26.2767

Square

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



72.1070, 57.1685, 93.6204



64.4043, 57.1685, 26.5486



39.7562, 57.1685, 38.8055



45.3775, 57.1685, 120.7798

Rectangle

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



72.1070, 57.1685, 93.6204



73.9583, 57.1685, 46.0254



39.7562, 57.1685, 38.8055



38.5346, 57.1685, 81.8915

Sweetspot

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



72.1088, 57.1710, 93.6216



87.0004, 84.6168, 104.0098



51.5135, 46.3912, 100.0064



18.3976, 17.6848, 22.1219



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.



72.1088, 57.1710, 93.6216



69.3950, 51.4229, 91.9228



66.6230, 54.9767, 64.7339



18.7017, 18.2640, 22.3123



28.8289, 14.0208, 39.3448



2.8305, 1.3746, 3.9547

Inverse Universe

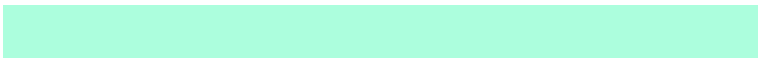
The Inverse Universe completely reimagines the original color for something new.



72.1088, 57.1710, 93.6216



69.3950, 51.4229, 91.9228



65.5350, 84.8871, 81.4794



18.7017, 18.2640, 22.3123



28.8289, 14.0208, 39.3448



2.8305, 1.3746, 3.9547

Previews

White Background



This preview shows how the XYZ color 72.1070, 57.1685, 93.6204 looks on a white background.

Color Contrast Check

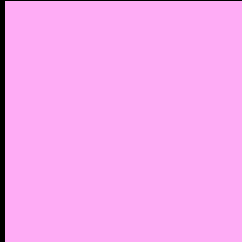
Large Text (above 18pt) WCAG AA × Fail

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 72.1070, 57.1685, 93.6204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

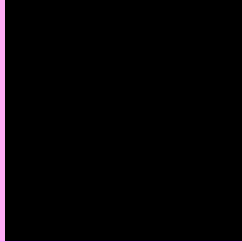
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.1070, 57.1685, 93.6204

Background



This preview shows how black text looks on a background with the XYZ color 72.1070, 57.1685, 93.6204.



This preview shows how white text looks on a background with the XYZ color 72.1070, 57.1685,

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

72.1070, 57.1685, 93.6204

Protanopia

57.7834, 57.3429, 102.6305

Deuteranopia

58.6810, 57.3869, 91.2030



Tritanopia

65.4032, 57.3979, 59.8563

Trichromacy



Original Color

72.1070, 57.1685, 93.6204



Protanomaly

61.6903, 56.4868, 98.9184



Deuteranomaly

62.7108, 56.8569, 91.6737



Tritanomaly

67.4823, 57.0198, 71.0675

Monochromacy



Original Color

72.1070, 57.1685, 93.6204



Achromatopsia

58.0276, 61.0496, 66.4830



Achromatomaly

62.4197, 58.9952, 75.8075

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.1070, 57.1685, 93.6204 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(254, 172, 245)` looks like.

```
.text, #text, p{  
    color:rgb(254, 172, 245)  
}
```

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(254, 172, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 172, 245) }
```

Border

The CSS property to change the border of an element to XYZ 72.1070, 57.1685, 93.6204 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(254, 172, 245) }
```


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

```
.border{ border-color:rgb(254, 172, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 172, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 172, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 172, 245);  
box-shadow:4px 4px 4px 4px rgb(254, 172,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 72.1070, 57.1685, 93.6204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 172, 245) }
```

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

```
.background{ background-color: rgb(254,  
172, 245) }
```

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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