

Converting Colors

XYZ(72.4184, 69.0421, 96.6996)

Have a look what the booklet for
XYZ(72.4184, 69.0421, 96.6996)
contains.

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Color

**XYZ(72.4691, 68.9214,
96.6724)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D0F6
RGB	232, 208, 246
RGB Percent	91%, 82%, 96%
CMY	0.0902, 0.1843, 0.0353
CMYK	0.06, 0.15, 0.00, 0.04
HSL	278°, 68%, 89%
HSV	278°, 15%, 96%
XYZ	72.4691, 68.9214, 96.6724
YIQ	219.5080, 2.1060, 16.9060

Conversions

Conversions Part 2

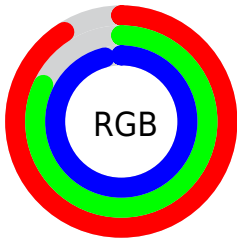
Format	Color
R _Y B	232, 208, 246
Decimal	15257846
CIE _{Lab}	86.47, 15.12, -15.56
CIE _{LCh}	86, 21.698, 314.178
Y _{xy}	68.9214, 0.3044, 0.2895
Android (android.graphics.Color)	4293447926 (0xFFE8D0F6)
Y _{UV}	219.5080, 13.0606, 10.9555
Hunter-Lab	83.0189, 10.5336, -10.9277

Details

The XYZ color **72.4691, 68.9214, 96.6724** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.4677, 85.9970, 72.3522**, and the grayscale version is **67.5976, 71.1179, 77.4474**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.7544, 36.0590, 53.6327** is the 20% darker color. If you saturate the color by 10%, you get **64.0642, 56.3664, 94.6931**, and if you desaturate by 10%, it is **81.9601, 83.4209, 98.9719**.

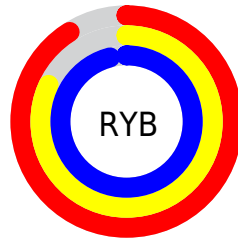
Distribution



Red (91%)

Green (82%)

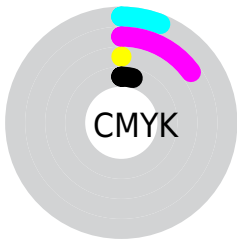
Blue (96%)



Red (91%)

Yellow (82%)

Blue (96%)

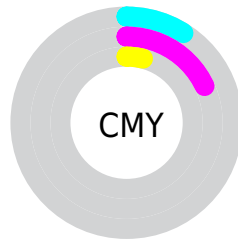


Cyan (6%)

Magenta (15%)

Yellow (0%)

Black (4%)



Cyan (9%)


Magenta (18%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 72.4691, 68.9214, 96.6724 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 72.4691, 68.9214, 96.6724 by changing the saturation by 10% instead.


 72.4691, 68.9214,
96.6724

 72.4691, 68.9214,
96.6724


458.3051,
456.7537, 570.6258

 53.8288, 50.6477,
72.9231


121.7304,
117.6693, 158.5885

 38.6949, 35.9283,
53.4217

153.0822,
148.9123, 197.5924

 26.7021, 24.3788,
37.7495


189.4018,
185.2472, 242.5182

 17.4851, 15.6149,
25.4880

231.0546,
227.0583, 293.7846

 10.6784, 9.2520,
16.2187

278.4060,
274.7302, 351.8100

 5.9167, 4.9059,
9.5230

331.8213,

 2.8347, 2.1922,

328.6471, 417.0129

4.9824

391.6658,
389.1935, 489.8120

■ 1.0669, 0.7157,
2.1784

■ 0.0000, 0.0000,
0.6619

■ 72.4691, 68.9214,
96.6724

■ 72.4691, 68.9214,
96.6724

■ 64.0642, 56.3664,
94.6931

■ 81.9601, 83.4209,
98.9719

■ 56.6941, 45.6603,
93.0150

■ 91.8655, 98.5218,
101.3646

■ 50.3126, 36.7129,
91.6244

■ 93.6348, 99.4339,
101.4474

■ 44.8670, 29.4224,
90.5042

■ 40.2994, 23.6764,
89.6358

■ 36.5445, 19.3480,
88.9983

■ 33.5264, 16.2896,
88.5670

■ 31.1523, 14.3191,
88.3118

■ 30.2219, 13.6583,
88.2333

Harmonies

Analogous

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



67.9011, 68.9214, 105.1714



72.4691, 68.9214, 96.6724



75.2428, 68.9214, 82.8380

Triad

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



72.4691, 68.9214, 96.6724



68.1756, 68.9214, 51.4602



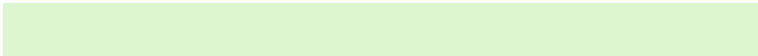
56.5857, 68.9214, 82.0221

Complementary

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



72.4691, 68.9214, 96.6724



74.4677, 85.9970, 72.3522

Split Complementary

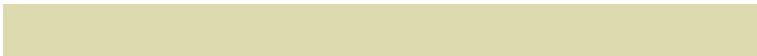
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



56.6508, 68.9214, 67.7543



72.4691, 68.9214, 96.6724



63.1713, 68.9214, 51.3007

Square

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



72.4691, 68.9214, 96.6724



72.6788, 68.9214, 57.3764



59.0071, 68.9214, 56.9085



58.8245, 68.9214, 96.0097

Rectangle

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



72.4691, 68.9214, 96.6724



75.6165, 68.9214, 73.0472



59.0071, 68.9214, 56.9085



56.3426, 68.9214, 77.0762

Sweetspot

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



72.4712, 68.9243, 96.6739



89.4093, 91.2531, 107.5090



68.9217, 72.6107, 97.5725



18.9729, 19.2783, 22.9711



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.



72.4712, 68.9243, 96.6739



75.2286, 69.6580, 104.0881



76.5259, 71.0923, 93.3538



16.5872, 16.4454, 20.8426



16.2909, 7.3726, 47.1024



1.5448, 0.7062, 4.1451

Inverse Universe

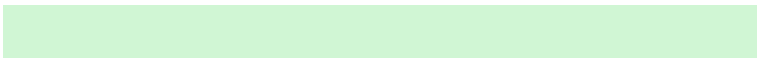
The Inverse Universe completely reimagines the original color for something new.



73.7492, 69.9816, 78.7315



76.9530, 71.0715, 80.4691



70.9091, 84.0986, 75.0729



16.7516, 16.5835, 18.4383



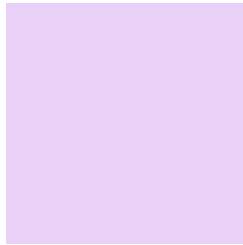
21.3476, 10.8825, 6.5386



1.9240, 0.9756, 0.8264

Previews

White Background



This preview shows how the XYZ color 72.4691, 68.9214, 96.6724 looks on a white background.

Color Contrast Check

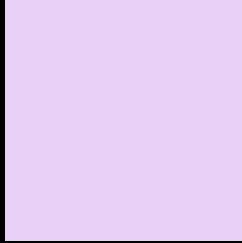
Large Text (above 18pt) WCAG AA × Fail

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 72.4691, 68.9214, 96.6724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

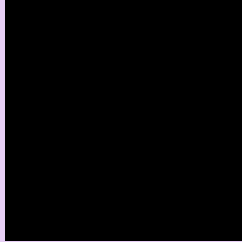
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.4691, 68.9214, 96.6724

Background



This preview shows how black text looks on a background with the XYZ color 72.4691, 68.9214, 96.6724.



This preview shows how white text looks on a background with the XYZ color 72.4691, 68.9214,

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

72.4691, 68.9214, 96.6724

Protanopia

68.1341, 69.2046, 100.2093

Deuteranopia

70.5162, 69.0284, 95.9934



Tritanopia

69.6110, 68.8480, 83.0189

Trichromacy



Original Color

72.4691, 68.9214, 96.6724

Protanomaly

69.5558, 68.8319, 99.2424

Deuteranomaly

71.2066, 69.0167, 95.9548

Tritanomaly

70.6751, 68.9143, 88.1741

Monochromacy



Original Color

72.4691, 68.9214, 96.6724

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.4392, 70.6162, 84.0992

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.4691, 68.9214, 96.6724 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(232, 208, 246)` looks like.

```
.text, #text, p{  
    color:rgb(232, 208, 246)  
}
```

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(232, 208, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 208, 246) }
```

Border

The CSS property to change the border of an element to XYZ 72.4691, 68.9214, 96.6724 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(232, 208, 246) }
```


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

```
.border{ border-color:rgb(232, 208, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 208, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 208, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 208, 246);  
box-shadow:4px 4px 4px 4px rgb(232, 208,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 72.4691, 68.9214, 96.6724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 208, 246) }
```

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

```
.background{ background-color: rgb(232,  
208, 246) }
```

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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