

Converting Colors

XYZ(71.6742, 69.5258, 90.3831)

Have a look what the booklet for
XYZ(71.6742, 69.5258, 90.3831)
contains.

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Color

**XYZ(71.7579, 69.4220,
90.5067)**

Conversions

Conversions Part 1

Format	Color
Hex	E8D2EE
RGB	232, 210, 238
RGB Percent	91%, 82%, 93%
CMY	0.0902, 0.1765, 0.0667
CMYK	0.03, 0.12, 0.00, 0.07
HSL	287°, 45%, 88%
HSV	287°, 12%, 93%
XYZ	71.7579, 69.4220, 90.5067
YIQ	219.7700, 4.1240, 13.3720

Conversions

Conversions Part 2

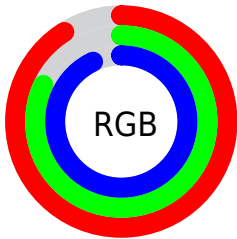
Format	Color
R _Y B	232, 210, 238
Decimal	15258350
CIE Lab	86.71, 12.56, -10.96
CIE LCh	87, 16.665, 318.886
Yxy	69.4220, 0.3097, 0.2996
Android (android.graphics.Color)	4293448430 (0xFFE8D2EE)
YUV	219.7700, 8.9874, 10.7257
Hunter-Lab	83.3199, 7.9205, -6.0802

Details

The XYZ color **71.7579, 69.4220, 90.5067** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.5288, 80.4030, 72.7783**, and the grayscale version is **67.8062, 71.3374, 77.6865**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.0693, 36.0502, 49.2079** is the 20% darker color. If you saturate the color by 10%, you get **64.6823, 57.6922, 88.6166**, and if you desaturate by 10%, it is **79.7594, 82.9301, 92.6933**.

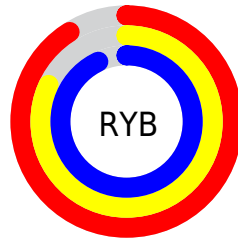
Distribution



Red (91%)

Green (82%)

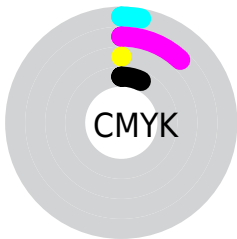
Blue (93%)



Red (91%)

Yellow (82%)

Blue (93%)

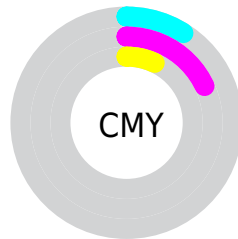


Cyan (3%)

Magenta (12%)

Yellow (0%)

Black (7%)



Cyan (9%)

Magenta (18%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.7579, 69.4220, 90.5067 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 71.7579, 69.4220, 90.5067 by changing the saturation by 10% instead.

71.7579, 69.4220,
90.5067

71.7579, 69.4220,
90.5067

455.8692,
458.5179, 550.2903

53.2457, 51.0555,
67.8249

120.7249,
118.3841, 149.9837

38.2272, 36.2527,
49.2895

151.9105,
149.7485, 187.6159

26.3371, 24.6295,
34.4820

188.0511,
186.2143, 231.0688

17.2100, 15.8012,
22.9837

229.5123,
228.1658, 280.7607

10.4806, 9.3836,
14.3763

276.6594,
275.9876, 337.1103

5.7834, 4.9922,
8.2411

329.8576,

2.7532, 2.2427,

330.0639, 400.5361

4.1597

389.4725,
390.7792, 471.4566

■ 1.0247, 0.7431,
1.7133

■ 0.0000, 0.0000,
0.3698

■ 71.7579, 69.4220,
90.5067

■ 71.7579, 69.4220,
90.5067

■ 64.6823, 57.6922,
88.6166

■ 79.7594, 82.9301,
92.6933

■ 58.4878, 47.6548,
87.0057

■ 87.8804, 96.6063,
94.9051

■ 53.1345, 39.2299,
85.6616

■ 89.6576, 97.5225,
94.9883

■ 48.5774, 32.3277,
84.5696

■ 91.4841, 98.4640,
95.0737

■ 44.7666, 26.8494,
83.7130

■ 92.4328, 98.9531,
95.1181

■ 41.6468, 22.6846,
83.0735

■ 39.1540, 19.7062,
82.6300

■ 37.2116, 17.7616,
82.3571

■ 35.9254, 16.7374,
82.2272

Harmonies

Analogous

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



68.4249, 69.4220, 97.6302



71.7579, 69.4220, 90.5067



73.5682, 69.4220, 79.7771

Triad

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



71.7579, 69.4220, 90.5067



67.4302, 69.4220, 56.5236



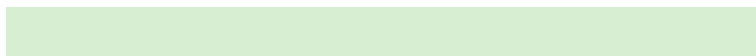
59.1817, 69.4220, 82.7086

Complementary

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



71.7579, 69.4220, 90.5067



70.5288, 80.4030, 72.7783

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.



58.9389, 69.4220, 71.5496



71.7579, 69.4220, 90.5067



63.6010, 69.4220, 57.1426

Square

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



71.7579, 69.4220, 90.5067



71.0053, 69.4220, 60.6245



60.5276, 69.4220, 62.4073



61.2043, 69.4220, 92.8326

Rectangle

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



71.7579, 69.4220, 90.5067



73.6223, 69.4220, 72.3401



60.5276, 69.4220, 62.4073



58.8923, 69.4220, 78.9332

Sweetspot

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



71.7600, 69.4250, 90.5082



91.0823, 93.2516, 107.8066



66.5867, 69.0237, 90.7034



19.3399, 19.6963, 23.0324



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.



71.7600, 69.4250, 90.5082



81.9409, 77.8774, 105.3208



72.6009, 69.9902, 84.5968



16.1034, 15.8505, 19.9323



20.1557, 9.3961, 45.8792



1.7583, 0.8237, 3.8205

Inverse Universe

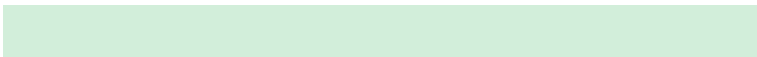
The Inverse Universe completely reimagines the original color for something new.



70.7036, 69.2313, 74.6056



80.5082, 77.6230, 83.3769



69.8015, 79.9110, 78.0322



15.9114, 15.8143, 17.0897



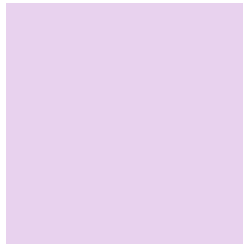
20.0435, 10.2898, 2.8794



1.7030, 0.8702, 0.4268

Previews

White Background



This preview shows how the XYZ color 71.7579, 69.4220, 90.5067 looks on a white background.

Color Contrast Check

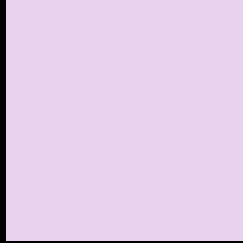
Large Text (above 18pt) WCAG AA × Fail

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 71.7579, 69.4220, 90.5067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

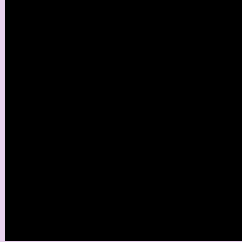
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.7579, 69.4220, 90.5067

Background



This preview shows how black text looks on a background with the XYZ color 71.7579, 69.4220, 90.5067.



This preview shows how white text looks on a background with the XYZ color 71.7579, 69.4220,

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

71.7579, 69.4220, 90.5067

Protanopia

68.3144, 69.8187, 93.8802

Deuteranopia

71.0400, 69.4196, 90.5440



Tritanopia

70.5021, 69.6773, 83.1320

Trichromacy



Original Color

71.7579, 69.4220, 90.5067

Protanomaly

69.7425, 69.8162, 93.0191

Deuteranomaly

71.3600, 69.5846, 90.5590

Tritanomaly

70.8148, 69.4037, 86.0078

Monochromacy



Original Color

71.7579, 69.4220, 90.5067

Achromatopsia

68.0267, 71.5694, 77.9390

Achromatomaly

69.1615, 70.5051, 82.6367

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.7579, 69.4220, 90.5067 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, 210, 238)` looks like.

```
.text, #text, p{  
    color:rgb(232, 210, 238)  
}
```

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, 210, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 210, 238) }
```

Border

The CSS property to change the border of an element to XYZ 71.7579, 69.4220, 90.5067 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, 210, 238) }
```


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

```
.border{ border-color:rgb(232, 210, 238) }
```

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

Here you see how a box with a 4 pixel rgb(232, 210, 238) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 210, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 210, 238);  
box-shadow:4px 4px 4px 4px rgb(232, 210,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 71.7579, 69.4220, 90.5067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 210, 238) }
```

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

```
.background{ background-color: rgb(232,  
210, 238) }
```

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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