

Converting Colors

XYZ(67.4337, 63.9770, 91.7286)

Have a look what the booklet for
XYZ(67.4337, 63.9770, 91.7286)
contains.

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Color

**XYZ(67.5043, 63.9715,
92.0090)**

Conversions

Conversions Part 1

Format	Color
Hex	E0C9F1
RGB	224, 201, 241
RGB Percent	88%, 79%, 95%
CMY	0.1216, 0.2117, 0.0549
CMYK	0.07, 0.17, 0.00, 0.05
HSL	274°, 59%, 87%
HSV	274°, 17%, 95%
XYZ	67.5043, 63.9715, 92.0090
YIQ	212.4370, 0.8680, 17.3160

Conversions

Conversions Part 2

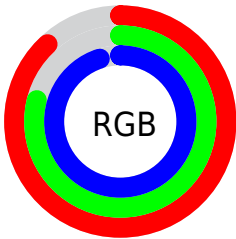
Format	Color
R_{YB}	224, 201, 241
Decimal	14731761
CIE _{Lab}	83.95, 15.28, -16.75
CIE _{LCh}	84, 22.675, 312.364
Yxy	63.9715, 0.3021, 0.2862
Android (android.graphics.Color)	4292921841 (0xFFE0C9F1)
YUV	212.4370, 14.0816, 10.1408
Hunter-Lab	79.9822, 10.6837, -12.2178

Details

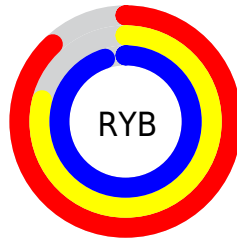
The XYZ color **67.5043, 63.9715, 92.0090** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.9137, 82.0348, 67.3583**, and the grayscale version is **62.7805, 66.0500, 71.9285**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.5529, 32.8052, 50.3571** is the 20% darker color. If you saturate the color by 10%, you get **59.2419, 52.0176, 90.1381**, and if you desaturate by 10%, it is **76.8433, 77.7922, 94.1854**.

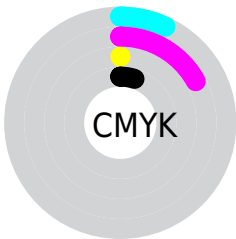
Distribution



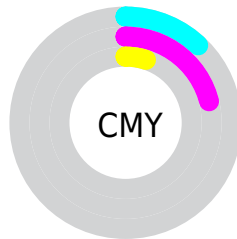
- Red (88%)
- Green (79%)
- Blue (95%)



- Red (88%)
- Yellow (79%)
- Blue (95%)



- Cyan (7%)
- Magenta (17%)
- Yellow (0%)
- Black (5%)



- Cyan (12%)
- Magenta (21%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.5043, 63.9715, 92.0090 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 67.5043, 63.9715, 92.0090 by changing the saturation by 10% instead.

67.5043, 63.9715,
92.0090

67.5043, 63.9715,
92.0090

441.1420,
439.0867, 555.2824

49.7668, 46.6276,
69.0650

114.6885,
110.5699, 152.0857

35.4452, 32.7413,
50.2926

144.8660,
140.5932, 190.0555

24.1741, 21.9284,
35.2731

179.9207,
175.6117, 233.8709

15.5883, 13.8043,
23.5881

220.2182,
216.0098, 283.9506

9.3223, 7.9847,
14.8190

266.1237,
262.1720, 340.7131

5.0108, 4.0851,
8.5472

318.0026,

2.2884, 1.7213,

314.4826, 404.5768

4.3543

376.2202,
373.3261, 475.9604

■ 0.7887, 0.4374,
1.8217

■ 0.0000, 0.0000,
0.4422

■ 67.5043, 63.9715,
92.0090

■ 67.5043, 63.9715,
92.0090

■ 59.2419, 52.0176,
90.1381

■ 76.8433, 77.7922,
94.1854

■ 52.0059, 41.8386,
88.5548

■ 87.2945, 93.5499,
96.6761

■ 45.7505, 33.3470,
87.2454

■ 92.7787, 99.0801,
97.4545

■ 40.4241, 26.4446,
86.1938

■ 92.8774, 99.1310,
97.4591

■ 35.9693, 21.0222,
85.3820

■ 32.3219, 16.9570,
84.7896

■ 29.4071, 14.1047,
84.3927

■ 27.1313, 12.2848,
84.1613

■ 26.4530, 11.8029,
84.1041

Harmonies

Analogous

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



62.8819, 63.9715, 100.1115



67.5043, 63.9715, 92.0090



70.4189, 63.9715, 78.3210

Triad

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



67.5043, 63.9715, 92.0090



63.7583, 63.9715, 46.5996



51.8990, 63.9715, 75.7087

Complementary

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



67.5043, 63.9715, 92.0090



70.9137, 82.0348, 67.3583

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.



52.1049, 63.9715, 61.6514



67.5043, 63.9715, 92.0090



58.7704, 63.9715, 46.1006

Square

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



67.5043, 63.9715, 92.0090



68.1761, 63.9715, 52.7210



54.5605, 63.9715, 51.2495



53.9816, 63.9715, 89.8725

Rectangle

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



67.5043, 63.9715, 92.0090



70.9086, 63.9715, 68.5263



54.5605, 63.9715, 51.2495



51.7062, 63.9715, 70.7942

Sweetspot

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



67.5062, 63.9742, 92.0104



89.1509, 91.1198, 107.4969



65.1250, 69.0868, 93.1227



18.9100, 19.2459, 22.9681



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.



67.5062, 63.9742, 92.0104



73.3529, 67.7839, 103.8252



72.6458, 66.6694, 90.1868



15.7676, 15.6774, 19.9166



14.5021, 6.4815, 45.6146



1.3199, 0.5977, 3.8000

Inverse Universe

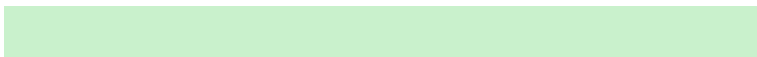
The Inverse Universe completely reimagines the original color for something new.



69.8194, 65.5389, 75.3033



76.5160, 69.9190, 81.1819



66.4042, 79.6735, 68.7991



16.0516, 15.8704, 17.8280



21.0479, 10.6916, 8.1687



1.7997, 0.9089, 0.9363

Previews

White Background



This preview shows how the XYZ color 67.5043, 63.9715, 92.0090 looks on a white background.

Color Contrast Check

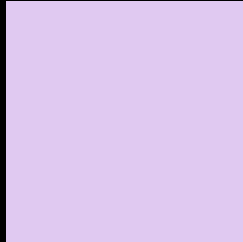
Large Text (above 18pt) WCAG AA × Fail

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 67.5043, 63.9715, 92.0090 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

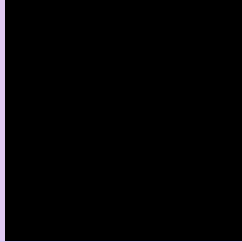
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.5043, 63.9715, 92.0090

Background



This preview shows how black text looks on a background with the XYZ color 67.5043, 63.9715, 92.0090.



This preview shows how white text looks on a background with the XYZ color 67.5043, 63.9715,

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

67.5043, 63.9715, 92.0090

Protanopia

63.3944, 64.2609, 95.4485

Deuteranopia

65.3454, 63.9241, 91.3326



Tritanopia

64.7013, 64.2553, 77.3990

Trichromacy



Original Color

67.5043, 63.9715, 92.0090

Protanomaly

64.7388, 63.8959, 94.5090

Deuteranomaly

65.9976, 63.9086, 91.2952

Tritanomaly

65.7207, 64.3168, 82.3493

Monochromacy



Original Color

67.5043, 63.9715, 92.0090

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

64.1941, 65.0384, 78.9823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.5043, 63.9715, 92.0090 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(224, 201, 241)` looks like.

```
.text, #text, p{  
    color:rgb(224, 201, 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(224, 201, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 201, 241) }
```

Border

The CSS property to change the border of an element to XYZ 67.5043, 63.9715, 92.0090 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(224, 201, 241) }
```


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

```
.border{ border-color:rgb(224, 201, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 201, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 201, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 201, 241);  
box-shadow:4px 4px 4px 4px rgb(224, 201,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 67.5043, 63.9715, 92.0090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 201, 241) }
```

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

```
.background{ background-color: rgb(224,  
201, 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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