

Converting Colors

XYZ(72.1016, 72.1287, 94.1735)

Have a look what the booklet for
XYZ(72.1016, 72.1287, 94.1735)
contains.

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Color

**XYZ(72.2039, 72.2053,
94.1359)**

Conversions

Conversions Part 1

Format	Color
Hex	E2D9F2
RGB	226, 217, 242
RGB Percent	89%, 85%, 95%
CMY	0.1137, 0.1490, 0.0510
CMYK	0.07, 0.10, 0.00, 0.05
HSL	262°, 49%, 90%
HSV	262°, 10%, 95%
XYZ	72.2039, 72.2053, 94.1359
YIQ	222.5410, -2.6610, 9.6830

Conversions

Conversions Part 2

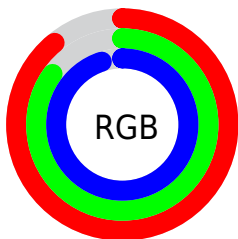
Format	Color
R_{YB}	226, 217, 242
Decimal	14866930
CIE Lab	88.07, 7.66, -11.10
CIE LCh	88, 13.487, 304.593
Yxy	72.2053, 0.3027, 0.3027
Android (android.graphics.Color)	4293057010 (0xFFE2D9F2)
YUV	222.5410, 9.5933, 3.0335
Hunter-Lab	84.9737, 2.9711, -6.2013

Details

The XYZ color **72.2039, 72.2053, 94.1359** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.8835, 85.8396, 78.1130**, and the grayscale version is **69.7511, 73.3836, 79.9147**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5778, 38.0438, 51.7643** is the 20% darker color. If you saturate the color by 10%, you get **61.7784, 58.2416, 91.9912**, and if you desaturate by 10%, it is **83.9872, 88.2306, 96.6092**.

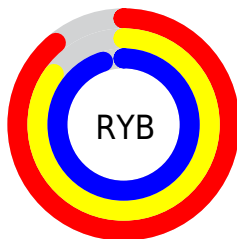
Distribution



Red (89%)

Green (85%)

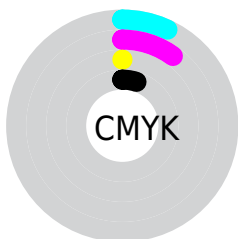
Blue (95%)



Red (89%)

Yellow (85%)

Blue (95%)

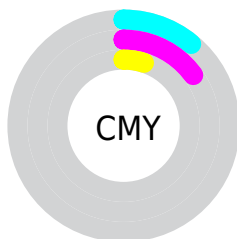


Cyan (7%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (11%)

Magenta (15%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.2039, 72.2053, 94.1359 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 72.2039, 72.2053, 94.1359 by changing the saturation by 10% instead.

72.2039, 72.2053,
94.1359

72.2039, 72.2053,
94.1359

457.3976,
468.2559, 562.3085

53.6113, 53.3264,
70.8231

121.3556,
122.3484, 155.0556

38.5204, 38.0634,
51.7169

152.6455,
154.3813, 193.4995

26.5659, 26.0319,
36.3988

188.8984,
191.5678, 237.8242

17.3824, 16.8475,
24.4502

230.4799,
234.2921, 288.4482

10.6045, 10.1258,
15.4526

277.7552,
282.9386, 345.7902

5.8669, 5.4825,
8.9875

331.0896,

2.8042, 2.5330,

337.8919, 410.2685

4.6363

390.8487,
399.5361, 482.3017

■ 1.0511, 0.8931,
1.9805

■ 0.0000, 0.0000,
0.5433

■ 72.2039, 72.2053,
94.1359

■ 72.2039, 72.2053,
94.1359

■ 61.7784, 58.2416,
91.9912

■ 83.9872, 88.2306,
96.6092

■ 52.6531, 46.2450,
90.1566

■ 93.0272, 99.1909,
98.2482

■ 44.7754, 36.1274,
88.6189

■ 38.0867, 27.7900,
87.3622

■ 32.5232, 21.1249,
86.3689

■ 28.0145, 16.0119,
85.6196

■ 24.4811, 12.3141,
85.0921

■ 21.8304, 9.8694,
84.7599

■ 19.9671, 8.4419,
84.5826

Harmonies

Analogous

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



69.1258, 72.2053, 97.6488



72.2039, 72.2053, 94.1359



74.3740, 72.2053, 86.4740

Triad

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



72.2039, 72.2053, 94.1359



71.3194, 72.2053, 63.6676



62.6414, 72.2053, 80.0474

Complementary

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



72.2039, 72.2053, 94.1359



77.8835, 85.8396, 78.1130

Split Complementary

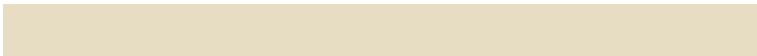
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



63.1877, 72.2053, 71.2552



72.2039, 72.2053, 94.1359



68.1345, 72.2053, 62.2381

Square

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



72.2039, 72.2053, 94.1359



73.8523, 72.2053, 68.9772



65.1740, 72.2053, 64.9089



63.6580, 72.2053, 89.1205

Rectangle

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



72.2039, 72.2053, 94.1359



74.9783, 72.2053, 80.3019



65.1740, 72.2053, 64.9089



62.6486, 72.2053, 76.9604

Sweetspot

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



72.2060, 72.2084, 94.1375



90.8793, 94.2989, 108.0194



73.8546, 79.5845, 95.4743



19.2185, 19.8655, 23.0715



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.



72.2060, 72.2084, 94.1375



79.2109, 78.4792, 105.5809



76.1860, 74.2601, 94.3237



15.4342, 15.5056, 19.9010



10.8620, 4.6050, 45.4442



1.0087, 0.4372, 3.7854

Inverse Universe

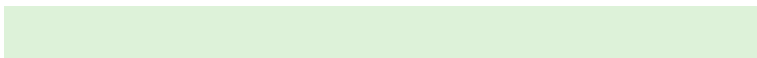
The Inverse Universe completely reimagines the original color for something new.



76.1414, 74.3894, 87.4400



84.3304, 81.3174, 96.8284



74.0218, 83.8488, 77.9323



16.1988, 15.9292, 18.6028



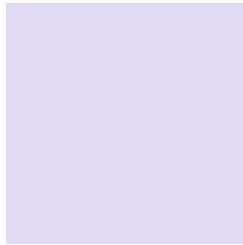
22.9130, 11.4376, 17.9903



1.9535, 0.9705, 1.7461

Previews

White Background



This preview shows how the XYZ color 72.2039, 72.2053, 94.1359 looks on a white background.

Color Contrast Check

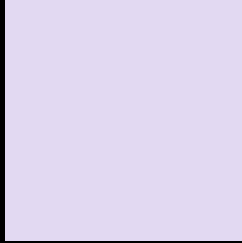
Large Text (above 18pt) WCAG AA × Fail

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 72.2039, 72.2053, 94.1359 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 72.2039, 72.2053, 94.1359

Background



This preview shows how black text looks on a background with the XYZ color 72.2039, 72.2053, 94.1359.



This preview shows how white text looks on a background with the XYZ color 72.2039, 72.2053,

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

72.2039, 72.2053, 94.1359

Protanopia

70.4226, 72.0395, 94.9874

Deuteranopia

73.6062, 72.1675, 94.0547



Tritanopia

71.1181, 72.1485, 88.7750

Trichromacy



Original Color

72.2039, 72.2053, 94.1359

Protanomaly

71.0679, 71.9860, 94.9430

Deuteranomaly

73.2160, 72.3455, 94.1096

Tritanomaly

71.5554, 72.3234, 91.0774

Monochromacy



Original Color

72.2039, 72.2053, 94.1359

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.8798, 73.2734, 85.2703

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2039, 72.2053, 94.1359 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(226, 217, 242) looks like.

```
.text, #text, p{  
    color:rgb(226, 217, 242)  
}
```

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(226, 217, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 217, 242) }
```

Border

The CSS property to change the border of an element to XYZ 72.2039, 72.2053, 94.1359 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(226, 217, 242) }
```


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

```
.border{ border-color:rgb(226, 217, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 217, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 217, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 217, 242);  
box-shadow:4px 4px 4px 4px rgb(226, 217,  
242) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2039, 72.2053, 94.1359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 217, 242) }
```

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

```
.background{ background-color: rgb(226,  
217, 242) }
```

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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