

Converting Colors

XYZ(71.1621, 72.2612, 94.7997)

Have a look what the booklet for
XYZ(71.1621, 72.2612, 94.7997)
contains.

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Color

**XYZ(71.3280, 72.5063,
95.0297)**

Conversions

Conversions Part 1

Format	Color
Hex	DDDBF3
RGB	221, 219, 243
RGB Percent	87%, 86%, 95%
CMY	0.1333, 0.1412, 0.0471
CMYK	0.09, 0.10, 0.00, 0.05
HSL	245°, 50%, 91%
HSV	245°, 10%, 95%
XYZ	71.3280, 72.5063, 95.0297
YIQ	222.3340, -6.5120, 7.8880

Conversions

Conversions Part 2

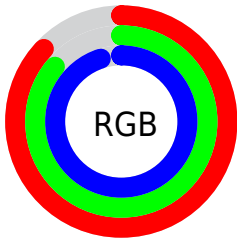
Format	Color
R _{YB}	221, 219, 243
Decimal	14539763
CIE Lab	88.21, 5.18, -11.46
CIE LCh	88, 12.573, 294.343
Yxy	72.5063, 0.2986, 0.3035
Android (android.graphics.Color)	4292729843 (0xFFDDDBF3)
YUV	222.3340, 10.1883, -1.1699
Hunter-Lab	85.1506, 0.5102, -6.5633

Details

The XYZ color **71.3280, 72.5063, 95.0297** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.1150, 87.9183, 79.7161**, and the grayscale version is **69.6026, 73.2273, 79.7445**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **37.9710, 38.2458, 52.3946** is the 20% darker color. If you saturate the color by 10%, you get **59.1070, 57.4737, 92.7734**, and if you desaturate by 10%, it is **85.3788, 89.8598, 97.6398**.

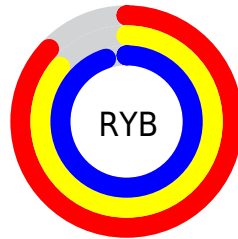
Distribution



Red (87%)

Green (86%)

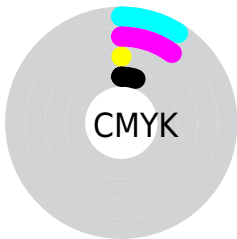
Blue (95%)



Red (87%)

Yellow (86%)

Blue (95%)

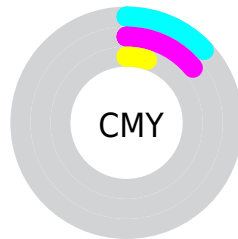


Cyan (9%)

Magenta (10%)

Yellow (0%)

Black (5%)



Cyan (13%)

Magenta (14%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 71.3280, 72.5063, 95.0297 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 71.3280, 72.5063, 95.0297 by changing the saturation by 10% instead.

■ 71.3280, 72.5063,
95.0297

■ 71.3280, 72.5063,
95.0297

454.3932,
469.3019, 565.2468

■ 52.8934, 53.5724,
71.5627

120.1166,
122.7761, 156.3016

■ 37.9448, 38.2599,
52.3169

151.2014,
154.8807, 194.9435

■ 26.1169, 26.1845,
36.8737

187.2335,
192.1444, 239.4808

■ 17.0442, 16.9617,
24.8147

228.5785,
234.9515, 290.3320

■ 10.3615, 10.2072,
15.7213

275.6016,
283.6864, 347.9157

■ 5.7034, 5.5365,
9.1749

328.6682,

■ 2.7045, 2.5654,

338.7335, 412.6503

4.7571

388.1436,
400.4772, 484.9545

■ 0.9995, 0.9093,
2.0492

■ 0.0000, 0.0000,
0.5853

■ 71.3280, 72.5063,
95.0297

■ 71.3280, 72.5063,
95.0297

■ 59.1070, 57.4737,
92.7734

■ 85.3788, 89.8598,
97.6398

■ 48.6342, 44.6548,
90.8510

■ 93.1779, 99.2511,
99.0415

■ 39.8314, 33.9478,
89.2483

■ 32.6120, 25.2390,
87.9479

■ 26.8816, 18.4042,
86.9307

■ 22.5356, 13.3055,
86.1756

■ 19.4559, 9.7855,
85.6585

■ 17.5041, 7.6584,
85.3508

■ 16.4799, 6.6318,
85.2066

Harmonies

Analogous

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



68.3462, 72.5063, 96.6144



71.3280, 72.5063, 95.0297



73.7247, 72.5063, 89.0074

Triad

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



71.3280, 72.5063, 95.0297



72.3437, 72.5063, 66.2322



63.3153, 72.5063, 77.3246

Complementary

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



71.3280, 72.5063, 95.0297



81.1150, 87.9183, 79.7161

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.



64.3193, 72.5063, 69.6748



71.3280, 72.5063, 95.0297



69.4871, 72.5063, 63.5765

Square

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



71.3280, 72.5063, 95.0297



74.3230, 72.5063, 72.3108



66.5572, 72.5063, 64.7897



63.7760, 72.5063, 85.9773

Rectangle

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



71.3280, 72.5063, 95.0297



74.6387, 72.5063, 83.5047



66.5572, 72.5063, 64.7897



63.4918, 72.5063, 74.5583

Sweetspot

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



71.3302, 72.5094, 95.0313



90.1246, 93.9098, 107.9841



76.9672, 84.6806, 97.0835



19.0155, 19.7609, 23.0620



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.



71.3302, 72.5094, 95.0313



76.4749, 77.0688, 105.4528



74.9855, 74.3938, 95.2024



15.7089, 15.9926, 20.8015



9.0840, 3.6573, 46.7652



0.8415, 0.3436, 4.1122

Inverse Universe

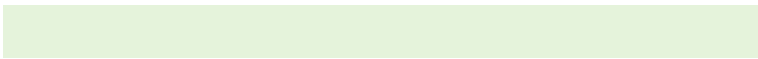
The Inverse Universe completely reimagines the original color for something new.



78.1733, 76.0718, 93.7858



85.6460, 81.8436, 103.7561



77.2799, 85.9412, 79.5366



17.1506, 16.7431, 20.5398



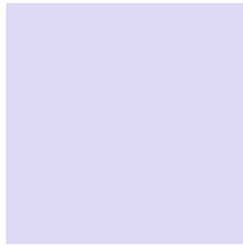
27.6044, 13.3852, 39.4867



2.4434, 1.1833, 3.5613

Previews

White Background



This preview shows how the XYZ color 71.3280, 72.5063, 95.0297 looks on a white background.

Color Contrast Check

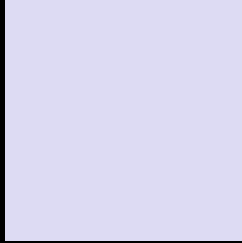
Large Text (above 18pt) WCAG AA × Fail

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 71.3280, 72.5063, 95.0297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

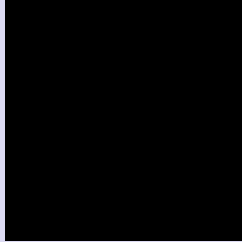
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 71.3280, 72.5063, 95.0297

Background



This preview shows how black text looks on a background with the XYZ color 71.3280, 72.5063, 95.0297.

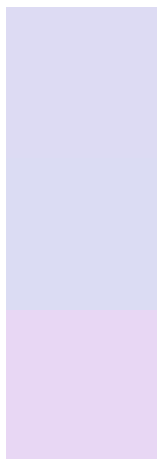


This preview shows how white text looks on a background with the XYZ color 71.3280, 72.5063,

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

71.3280, 72.5063, 95.0297

Protanopia

70.9843, 72.7175, 95.0886

Deuteranopia

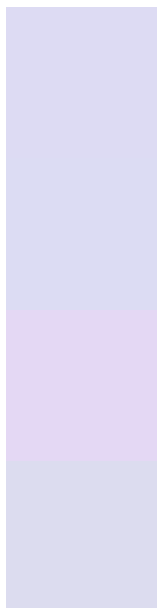
73.9083, 72.2883, 95.6456



Tritanopia

70.3945, 72.5165, 90.4077

Trichromacy



Original Color

71.3280, 72.5063, 95.0297

Protanomaly

71.2861, 72.8731, 95.1028

Deuteranomaly

72.8799, 72.1374, 95.6707

Tritanomaly

70.6884, 72.6340, 91.9554

Monochromacy



Original Color

71.3280, 72.5063, 95.0297

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.2636, 72.9557, 85.2415

CSS Examples

Text

The CSS property to change the color of the text to XYZ 71.3280, 72.5063, 95.0297 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(221, 219, 243) looks like.

```
.text, #text, p{  
    color:rgb(221, 219, 243)  
}
```

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(221, 219, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 219, 243) }
```

Border

The CSS property to change the border of an element to XYZ 71.3280, 72.5063, 95.0297 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(221, 219, 243) }
```


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

```
.border{ border-color:rgb(221, 219, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 219, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(221, 219, 243); -webkit-box-shadow:4px 4px 4px 4px rgb(221, 219, 243); box-shadow:4px 4px 4px 4px rgb(221, 219, 243) }
```

Background

The CSS property to change the background color of an element to XYZ 71.3280, 72.5063, 95.0297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 219, 243) }
```

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

```
.background{ background-color: rgb(221,  
219, 243) }
```

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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