

Converting Colors

XYZ(72.3062, 72.7220,
104.8336)

Have a look what the booklet for
XYZ(72.3062, 72.7220, 104.8336)
contains.

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Color

**XYZ(72.2950, 72.7885,
104.8470)**

Conversions

Conversions Part 1

Format	Color
Hex	DADBFF
RGB	218, 219, 255
RGB Percent	85%, 86%, 100%
CMY	0.1451, 0.1412, 0.0000
CMYK	0.15, 0.14, 0.00, 0.00
HSL	238°, 100%, 93%
HSV	238°, 15%, 100%
XYZ	72.2950, 72.7885, 104.8470
YIQ	222.8050, -12.1520, 10.9840

Conversions

Conversions Part 2

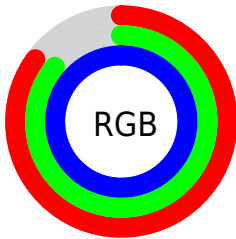
Format	Color
R _Y B	218, 219, 255
Decimal	14343167
CIE Lab	88.35, 6.64, -17.59
CIE LCh	88, 18.803, 290.695
Yxy	72.7885, 0.2893, 0.2912
Android (android.graphics.Color)	4292533247 (0xFFDADBFF)
YUV	222.8050, 15.8721, -4.2140
Hunter-Lab	85.3162, 1.9536, -13.1415

Details

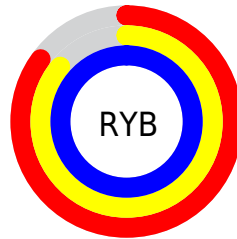
The XYZ color **72.2950, 72.7885, 104.8470** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.3362, 97.2041, 80.3851**, and the grayscale version is **69.8998, 73.5400, 80.0850**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.5728, 38.4147, 58.8078** is the 20% darker color. If you saturate the color by 10%, you get **59.2511, 57.1630, 102.5184**, and if you desaturate by 10%, it is **87.4806, 90.9537, 107.5528**.

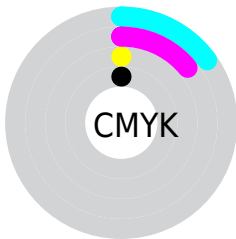
Distribution



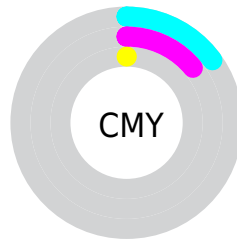
- Red (85%)
- Green (86%)
- Blue (100%)



- Red (85%)
- Yellow (86%)
- Blue (100%)



- Cyan (15%)
- Magenta (14%)
- Yellow (0%)
- Black (0%)



- Cyan (15%)
- Magenta (14%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.2950, 72.7885, 104.8470 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 72.2950, 72.7885, 104.8470 by changing the saturation by 10% instead.

■ 72.2950, 72.7885,
104.8470

■ 72.2950, 72.7885,
104.8470

457.7094,
470.2815, 597.0022

■ 53.6860, 53.8030,
79.7152

121.4844,
123.1769, 169.9120

■ 38.5804, 38.4442,
58.9593

152.7955,
155.3487, 210.6824

■ 26.6127, 26.3276,
42.1605

189.0714,
192.6846, 257.5027

■ 17.4176, 17.0689,
28.9005

230.6773,
235.5692, 310.7914

■ 10.6298, 10.2836,
18.7606

277.9788,
284.3868, 370.9673

■ 5.8840, 5.5874,
11.3224

331.3410,

■ 2.8146, 2.5959,

339.5217, 438.4486

6.1672

391.1295,
401.3585, 513.6541

■ 1.0565, 0.9246,
2.8766

■ 0.0000, 0.0000,
1.0320

■ 72.2950, 72.7885,
104.8470

■ 72.2950, 72.7885,
104.8470

■ 59.2511, 57.1630,
102.5184

■ 87.4806, 90.9537,
107.5528

■ 48.2469, 43.9559,
100.5492

95.0500, 100.0000,
108.9000

■ 39.1811, 33.0489,
98.9217

■ 31.9415, 24.3106,
97.6166

■ 26.4041, 17.5961,
96.6125

■ 22.4297, 12.7431,
95.8852

■ 19.8573, 9.5642,
95.4072

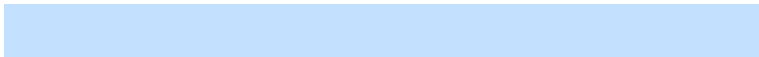
■ 18.4908, 7.8327,
95.1450

■ 18.1250, 7.3700,
95.0750

Harmonies

Analogous

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



67.7898, 72.7885, 106.3926



72.2950, 72.7885, 104.8470



76.1166, 72.7885, 96.0603

Triad

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



72.2950, 72.7885, 104.8470



74.8264, 72.7885, 61.5395



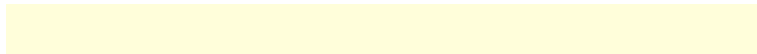
60.9692, 72.7885, 75.3037

Complementary

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



72.2950, 72.7885, 104.8470



89.3362, 97.2041, 80.3851

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.



62.6843, 72.7885, 64.5326



72.2950, 72.7885, 104.8470



70.5958, 72.7885, 57.1743

Square

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



72.2950, 72.7885, 104.8470



77.6216, 72.7885, 70.7933



66.1622, 72.7885, 58.2071



61.3798, 72.7885, 88.3640

Rectangle

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



72.2950, 72.7885, 104.8470



77.6994, 72.7885, 87.7567



66.1622, 72.7885, 58.2071



61.3134, 72.7885, 71.3196

Sweetspot

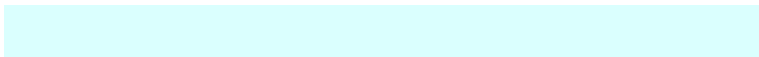
The Sweet Spot groups the original color and five complimentary colors.



72.2970, 72.7914, 104.8474



88.3120, 91.9476, 107.7009



82.5262, 93.5666, 107.2808



18.6397, 19.3666, 23.0057



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.



72.2970, 72.7914, 104.8474



68.8507, 68.6654, 104.2327



77.4715, 75.0719, 105.0149



17.0425, 17.4565, 22.7212



9.4878, 3.8851, 49.6844



0.9371, 0.4048, 4.8420

Inverse Universe

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



79.0989, 76.5188, 77.6219



76.6841, 72.9674, 72.8766



83.5860, 94.7133, 80.2074



18.0293, 17.9950, 18.7716



21.5772, 11.1202, 1.1580



2.1076, 1.0854, 0.1480

Previews

White Background



This preview shows how the XYZ color 72.2950, 72.7885, 104.8470 looks on a white background.

Color Contrast Check

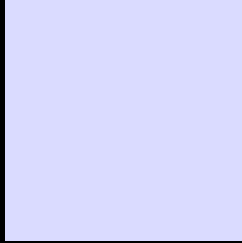
Large Text (above 18pt) WCAG AA × Fail

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 72.2950, 72.7885, 104.8470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

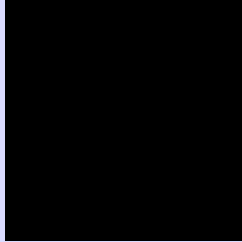
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.2950, 72.7885, 104.8470

Background



This preview shows how black text looks on a background with the XYZ color 72.2950, 72.7885, 104.8470.

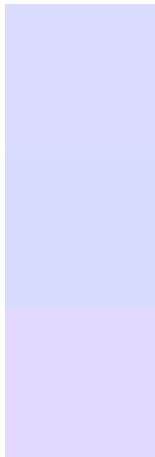


This preview shows how white text looks on a background with the XYZ color 72.2950, 72.7885,

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

72.2950, 72.7885, 104.8470

Protanopia

71.6675, 72.8535, 104.8926

Deuteranopia

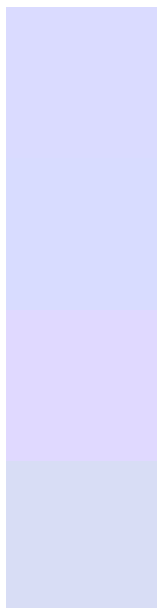
74.2844, 72.6626, 104.7178



Tritanopia

69.7256, 72.9216, 92.0617

Trichromacy



Original Color

72.2950, 72.7885, 104.8470

Protanomaly

71.9621, 73.0053, 104.9064

Deuteranomaly

73.6033, 72.6930, 104.7596

Tritanomaly

70.6568, 72.9044, 96.7341

Monochromacy



Original Color

72.2950, 72.7885, 104.8470

Achromatopsia

70.1384, 73.7910, 80.3584

Achromatomaly

70.9355, 73.6129, 89.0673

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.2950, 72.7885, 104.8470 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(218, 219, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 219, 255)  
}
```

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(218, 219, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 219, 255) }
```

Border

The CSS property to change the border of an element to XYZ 72.2950, 72.7885, 104.8470 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(218, 219, 255) }
```


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

```
.border{ border-color:rgb(218, 219, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 219, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 219, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 219, 255);  
box-shadow:4px 4px 4px 4px rgb(218, 219,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 72.2950, 72.7885, 104.8470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 219, 255) }
```

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

```
.background{ background-color: rgb(218,  
219, 255) }
```

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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