

Converting Colors

XYZ(72.1704, 72.4316,
104.7847)

Have a look what the booklet for
XYZ(72.1704, 72.4316, 104.7847)
contains.

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Color

**XYZ(72.0348, 72.2682,
104.7603)**

Conversions

Conversions Part 1

Format	Color
Hex	DADAFF
RGB	218, 218, 255
RGB Percent	85%, 85%, 100%
CMY	0.1451, 0.1451, 0.0000
CMYK	0.15, 0.15, 0.00, 0.00
HSL	240°, 100%, 93%
HSV	240°, 15%, 100%
XYZ	72.0348, 72.2682, 104.7603
YIQ	222.2180, -11.8770, 11.5070

Conversions

Conversions Part 2

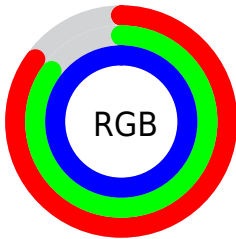
Format	Color
R _{YB}	218, 218, 255
Decimal	14342911
CIE Lab	88.10, 7.17, -17.96
CIE LCh	88, 19.343, 291.759
Yxy	72.2682, 0.2892, 0.2902
Android (android.graphics.Color)	4292532991 (0xFFDADAFF)
YUV	222.2180, 16.1615, -3.6992
Hunter-Lab	85.0107, 2.4853, -13.5567

Details

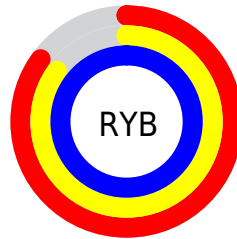
The XYZ color **72.0348, 72.2682, 104.7603** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **89.6543, 97.8404, 80.4910**, and the grayscale version is **69.4822, 73.1007, 79.6067**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **38.3945, 38.0581, 58.7484** is the 20% darker color. If you saturate the color by 10%, you get **58.8767, 56.4143, 102.3937**, and if you desaturate by 10%, it is **87.3871, 90.7669, 107.5217**.

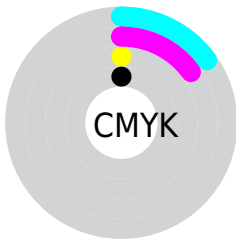
Distribution



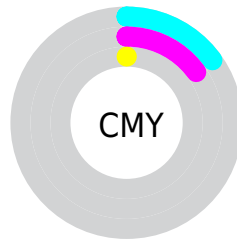
- Red (85%)
- Green (85%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 72.0348, 72.2682, 104.7603 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 72.0348, 72.2682, 104.7603 by changing the saturation by 10% instead.

72.0348, 72.2682,
104.7603

72.0348, 72.2682,
104.7603

456.8185,
468.4746, 596.7257

53.4727, 53.3778,
79.6430

121.1165,
122.4378, 169.7924

38.4092, 38.1044,
58.9002

152.3669,
154.4857, 210.5443

26.4791, 26.0638,
42.1133

188.5773,
191.6883, 257.3448

17.3170, 16.8713,
28.8638

230.1132,
234.4299, 310.6125

10.5574, 10.1428,
18.7331

277.3399,
283.0949, 370.7659

5.8352, 5.4937,
11.3027

330.6228,

2.7848, 2.5398,

338.0678, 438.2236

6.1541

390.3272,
399.7329, 513.4040

■ 1.0410, 0.8965,
2.8687

■ 0.0000, 0.0000,
1.0280

■ 72.0348, 72.2682,
104.7603

■ 72.0348, 72.2682,
104.7603

■ 58.8767, 56.4143,
102.3937

■ 87.3871, 90.7669,
107.5217

■ 47.8071, 43.0763,
100.4026

95.0500, 100.0000,
108.9000

■ 38.7204, 32.1275,
98.7682

■ 31.4995, 23.4267,
97.4693

■ 26.0151, 16.8183,
96.4828

■ 22.1213, 12.1263,
95.7824

■ 19.6485, 9.1465,
95.3376

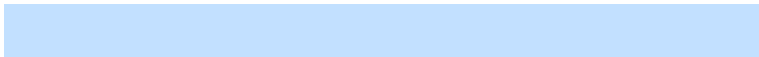
■ 18.3884, 7.6280,
95.1109

■ 18.0502, 7.2204,
95.0501

Harmonies

Analogous

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



67.4233, 72.2682, 106.6474



72.0348, 72.2682, 104.7603



75.9048, 72.2682, 95.5089

Triad

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



72.0348, 72.2682, 104.7603



74.3353, 72.2682, 60.3495



60.2669, 72.2682, 75.0973

Complementary

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



72.0348, 72.2682, 104.7603



89.6543, 97.8404, 80.4910

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.



61.9452, 72.2682, 63.9676



72.0348, 72.2682, 104.7603



69.9699, 72.2682, 56.0993

Square

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



72.0348, 72.2682, 104.7603



77.2739, 72.2682, 69.6283



65.4480, 72.2682, 57.3454



60.7643, 72.2682, 88.5009

Rectangle

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



72.0348, 72.2682, 104.7603



77.4759, 72.2682, 86.9228



65.4480, 72.2682, 57.3454



60.5925, 72.2682, 70.9901

Sweetspot

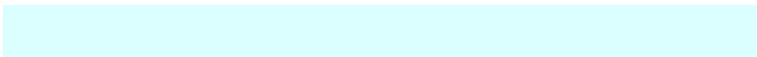
The Sweet Spot groups the original color and five complimentary colors.



72.0368, 72.2711, 104.7607



88.2286, 91.7808, 107.6731



82.6250, 93.6061, 107.8011



18.6188, 19.3246, 22.9987



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.



72.0368, 72.2711, 104.7607



68.5574, 68.0788, 104.1349



77.6757, 75.1771, 105.0244



17.0032, 17.3780, 22.7081



9.4317, 3.7729, 49.6657



0.9184, 0.3674, 4.8358

Inverse Universe

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



78.9675, 76.4662, 76.9304



76.5360, 72.9081, 72.0970



83.3796, 94.6069, 80.1976



18.0095, 17.9871, 18.6673



21.5489, 11.1088, 1.0089



2.0982, 1.0816, 0.0983

Previews

White Background



This preview shows how the XYZ color 72.0348, 72.2682, 104.7603 looks on a white background.

Color Contrast Check

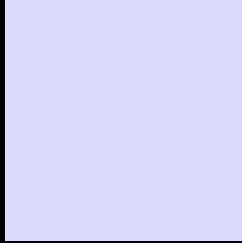
Large Text (above 18pt) WCAG AA × Fail

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 72.0348, 72.2682, 104.7603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

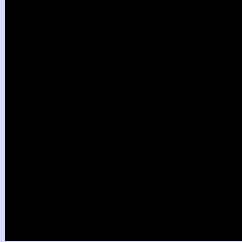
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 72.0348, 72.2682, 104.7603

Background



This preview shows how black text looks on a background with the XYZ color 72.0348, 72.2682, 104.7603.



This preview shows how white text looks on a background with the XYZ color 72.0348, 72.2682,

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

72.0348, 72.2682, 104.7603

Protanopia

71.1131, 72.1792, 104.7917

Deuteranopia

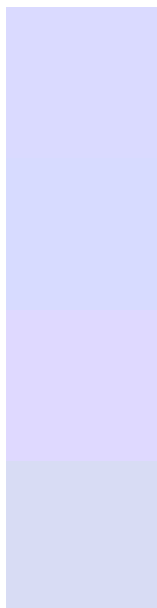
73.9699, 72.5005, 104.7031



Tritanopia

69.3134, 72.3330, 91.1974

Trichromacy



Original Color

72.0348, 72.2682, 104.7603

Protanomaly

71.4058, 72.3301, 104.8054

Deuteranomaly

73.2943, 72.5337, 104.7451

Tritanomaly

70.2412, 72.3170, 95.8444

Monochromacy



Original Color

72.0348, 72.2682, 104.7603

Achromatopsia

69.4303, 73.0461, 79.5472

Achromatomaly

70.5265, 73.0256, 88.2201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 72.0348, 72.2682, 104.7603 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, 218, 255)` looks like.

```
.text, #text, p{  
    color:rgb(218, 218, 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, 218, 255) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 72.0348, 72.2682, 104.7603 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, 218, 255) }
```


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

```
.border{ border-color:rgb(218, 218, 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, 218, 255)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 72.0348, 72.2682, 104.7603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(218,  
218, 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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