

Converting Colors

XYZ(54.6041, 53.7427, 72.1341)

Have a look what the booklet for
XYZ(54.6041, 53.7427, 72.1341)
contains.

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Color

**XYZ(54.6797, 53.7706,
72.4626)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C9BDD8 |
| RGB | 201, 189, 216 |
| RGB Percent | 79%, 74%, 85% |
| CMY | 0.2118, 0.2588, 0.1529 |
| CMYK | 0.07, 0.12, 0.00, 0.15 |
| HSL | 267°, 26%, 79% |
| HSV | 267°, 12%, 85% |
| XYZ | 54.6797, 53.7706, 72.4626 |
| YIQ | 195.6660, -1.5150, 10.9410 |

Conversions

Conversions Part 2

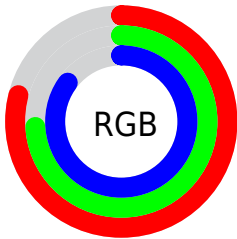
| Format | Color |
|-------------------------------------|--|
| RYB | 201, 189, 216 |
| Decimal | 13221336 |
| CIELab | 78.33, 9.26, -11.98 |
| CIELCh | 78, 15.143, 307.703 |
| Yxy | 53.7706, 0.3022, 0.2972 |
| Android (android.graphics.Color) | 4291411416 (0xFFC9BDD8) |
| YUV | 195.6660, 10.0247, 4.6779 |
| Hunter-Lab | 73.3284, 4.7795, -7.2600 |

Details

The XYZ color **54.6797, 53.7706, 72.4626** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **58.6450, 65.6246, 57.7227**, and the grayscale version is **52.2133, 54.9324, 59.8214**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **27.2698, 26.3846, 37.3737** is the 20% darker color. If you saturate the color by 10%, you get **47.2742, 43.5627, 70.8834**, and if you desaturate by 10%, it is **63.0325, 65.4969, 74.2866**.

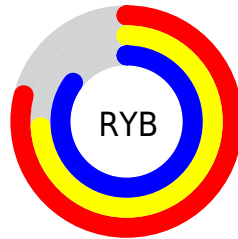
Distribution



Red (79%)

Green (74%)

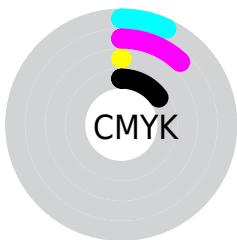
Blue (85%)



Red (79%)

Yellow (74%)

Blue (85%)

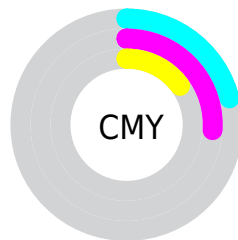


Cyan (7%)

Magenta (12%)

Yellow (0%)

Black (15%)



Cyan (21%)

Magenta (26%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6797, 53.7706, 72.4626 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 54.6797, 53.7706, 72.4626 by changing the saturation by 10% instead.

■ 54.6797, 53.7706,
72.4626

■ 54.6797, 53.7706,
72.4626

394.8528,
401.2346, 488.1709

■ 39.3782, 38.4183,
53.0475

■ 96.2226, 95.7373,
124.4278

■ 27.2361, 26.3075,
37.4527

123.1946,
123.1206, 157.8151

■ 17.8881, 17.0538,
25.2597

154.7875,
155.2829, 196.6967

■ 10.9689, 10.2729,
16.0498

191.3667,
192.6087, 241.4914

■ 6.1131, 5.5803,
9.4047

233.2975,
235.4824, 292.6176

■ 2.9553, 2.5916,
4.9057

280.9452,

■ 1.1301, 0.9224,

284.2883, 350.4939

2.1343

334.6752,
339.4109, 415.5388

■ 0.0501, 0.0000,
0.6360

■ 0.0000, 0.0000,
0.0000

■ 54.6797, 53.7706,
72.4626

■ 54.6797, 53.7706,
72.4626

■ 47.2742, 43.5627,
70.8834

■ 63.0325, 65.4969,
74.2866

■ 40.7749, 34.8025,
69.5351

■ 72.3618, 78.7948,
76.3616

■ 35.1448, 27.4237,
68.4076

■ 82.7016, 93.7233,
78.6982

■ 30.3421, 21.3519,
67.4887

■ 87.2240, 96.6188,
79.0187

■ 26.3214, 16.5058,
66.7652

■ 89.3948, 97.7379,
79.1203

■ 23.0321, 12.7943,
66.2222

■ 20.4170, 10.1131,
65.8425

■ 18.4080, 8.3374,
65.6057

■ 17.2176, 7.4442,
65.4960

Harmonies

Analogous

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



51.8766, 53.7706, 76.2946



54.6797, 53.7706, 72.4626



56.5748, 53.7706, 64.9736

Triad

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



54.6797, 53.7706, 72.4626



53.3046, 53.7706, 44.6821



45.6549, 53.7706, 60.7665

Complementary

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



54.6797, 53.7706, 72.4626



58.6450, 65.6246, 57.7227

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.



46.0040, 53.7706, 52.5589



54.6797, 53.7706, 72.4626



50.3458, 53.7706, 43.7902

Square

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



54.6797, 53.7706, 72.4626



55.7597, 53.7706, 49.1043



47.6941, 53.7706, 46.5378



46.7212, 53.7706, 69.1288

Rectangle

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



54.6797, 53.7706, 72.4626



57.0280, 53.7706, 59.2050



47.6941, 53.7706, 46.5378



45.6114, 53.7706, 57.8940

Sweetspot

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



54.6813, 53.7729, 72.4638



89.8276, 92.6048, 107.7478



55.0471, 59.1071, 73.4741



19.0221, 19.5325, 23.0175



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.



54.6813, 53.7729, 72.4638



76.6475, 74.1667, 104.8836



58.3838, 55.6816, 72.6371



12.2612, 12.2761, 15.6608



10.3109, 4.4680, 38.7721



0.7162, 0.3181, 2.3430

Inverse Universe

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



57.4174, 55.3561, 64.7879



81.4214, 76.9301, 91.4480



55.1787, 63.8377, 57.5604



12.7092, 12.5352, 14.4088



18.8241, 9.4660, 11.6436



1.1768, 0.5875, 0.9202

Previews

White Background



This preview shows how the XYZ color 54.6797, 53.7706, 72.4626 looks on a white background.

Color Contrast Check

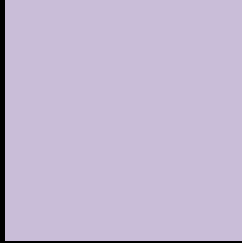
Large Text (above 18pt) WCAG AA × Fail

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 54.6797, 53.7706, 72.4626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

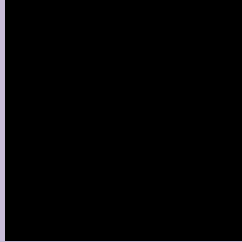
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6797, 53.7706, 72.4626

Background



This preview shows how black text looks on a background with the XYZ color 54.6797, 53.7706, 72.4626.



This preview shows how white text looks on a background with the XYZ color 54.6797, 53.7706,

72.4626.

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

54.6797, 53.7706, 72.4626

Protanopia

52.7397, 53.7084, 73.9167

Deuteranopia

54.9494, 53.9096, 72.4752



Tritanopia

53.3246, 53.8599, 65.9780

Trichromacy



Original Color

54.6797, 53.7706, 72.4626

Protanomaly

53.4033, 53.7407, 73.2040

Deuteranomaly

54.9494, 53.9096, 72.4752

Tritanomaly

53.8657, 53.7594, 68.5103

Monochromacy



Original Color

54.6797, 53.7706, 72.4626

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.1382, 54.4575, 64.2106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6797, 53.7706, 72.4626 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(201, 189, 216)` looks like.

```
.text, #text, p{  
    color:rgb(201, 189, 216)  
}
```

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(201, 189, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 189, 216) }
```

Border

The CSS property to change the border of an element to XYZ 54.6797, 53.7706, 72.4626 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(201, 189, 216) }
```


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

```
.border{ border-color:rgb(201, 189, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 189, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 189, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 189, 216);  
box-shadow:4px 4px 4px 4px rgb(201, 189,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6797, 53.7706, 72.4626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 189, 216) }
```

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

```
.background{ background-color: rgb(201,  
189, 216) }
```

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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