

Converting Colors

XYZ(53.4152, 52.2163, 72.5876)

Have a look what the booklet for
XYZ(53.4152, 52.2163, 72.5876)
contains.

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Color

**XYZ(53.3720, 52.1333,
72.8954)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C6BAD9 |
| RGB | 198, 186, 217 |
| RGB Percent | 78%, 73%, 85% |
| CMY | 0.2235, 0.2706, 0.1490 |
| CMYK | 0.09, 0.14, 0.00, 0.15 |
| HSL | 263°, 29%, 79% |
| HSV | 263°, 14%, 85% |
| XYZ | 53.3720, 52.1333, 72.8954 |
| YIQ | 193.1220, -2.7990, 12.1850 |

Conversions

Conversions Part 2

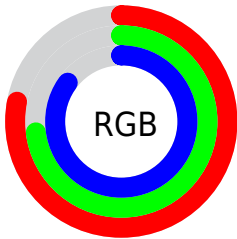
| Format | Color |
|-------------------------------------|--|
| RYB | 198, 186, 217 |
| Decimal | 13023961 |
| CIELab | 77.36, 10.09, -14.00 |
| CIELCh | 77, 17.252, 305.785 |
| Yxy | 52.1333, 0.2992, 0.2922 |
| Android (android.graphics.Color) | 4291214041 (0xFFC6BAD9) |
| YUV | 193.1220, 11.7719, 4.2780 |
| Hunter-Lab | 72.2034, 5.5894, -9.3159 |

Details

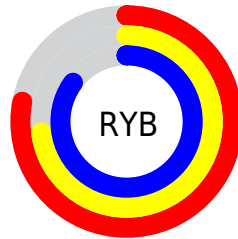
The XYZ color **53.3720, 52.1333, 72.8954** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **58.8544, 66.1514, 56.1234**, and the grayscale version is **50.6957, 53.3359, 58.0827**.

A 20% lighter version of the original color is **91.0421, 91.9843, 107.5640**, and **26.4107, 25.3130, 37.6763** is the 20% darker color. If you saturate the color by 10%, you get **45.7900, 41.9469, 71.3296**, and if you desaturate by 10%, it is **61.9593, 63.8713, 74.7093**.

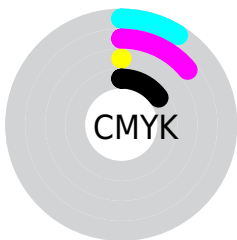
Distribution



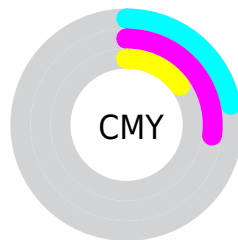
- Red (78%)
- Green (73%)
- Blue (85%)



- Red (78%)
- Yellow (73%)
- Blue (85%)



- Cyan (9%)
- Magenta (14%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3720, 52.1333, 72.8954 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 53.3720, 52.1333, 72.8954 by changing the saturation by 10% instead.

■ 53.3720, 52.1333,
72.8954

■ 53.3720, 52.1333,
72.8954

389.9482,
394.9510, 489.7133

■ 38.3285, 37.1113,
53.3991

■ 94.3138, 93.3278,
125.0482

■ 26.4161, 25.2937,
37.7316

120.9429,
120.2691, 158.5419

■ 17.2695, 16.2960,
25.4742

152.1645,
151.9524, 197.5384

■ 10.5233, 9.7339,
16.2085

188.3440,
188.7619, 242.4564

■ 5.8122, 5.2229,
9.5159

229.8468,
231.0821, 293.7143

■ 2.7708, 2.3786,
4.9778

277.0382,

■ 1.0337, 0.8149,

279.2975, 351.7308

2.1757

330.2835,
333.7923, 416.9242

■ 0.0000, 0.0000,
0.6603

■ 0.0000, 0.0000,
0.0000

■ 53.3720, 52.1333,
72.8954

■ 53.3720, 52.1333,
72.8954

■ 45.7900, 41.9469,
71.3296

■ 61.9593, 63.8713,
74.7093

■ 39.1695, 33.2390,
69.9978

■ 71.5839, 77.2166,
76.7779

■ 33.4703, 25.9404,
68.8894

■ 82.2824, 92.2303,
79.1120

■ 28.6472, 19.9736,
67.9919

■ 88.1424, 97.0773,
79.7387

■ 24.6510, 15.2534,
67.2914

■ 89.5245, 97.7898,
79.8034

■ 21.4271, 11.6845,
66.7725

■ 18.9129, 9.1567,
66.4171

■ 17.0341, 7.5371,
66.2035

■ 16.1799, 6.8942,
66.1244

Harmonies

Analogous

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



50.1963, 52.1333, 76.9287



53.3720, 52.1333, 72.8954



55.5937, 52.1333, 64.5845

Triad

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



53.3720, 52.1333, 72.8954



52.2114, 52.1333, 41.6923



43.4771, 52.1333, 58.6240

Complementary

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



53.3720, 52.1333, 72.8954



58.8544, 66.1514, 56.1234

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.



43.9631, 52.1333, 49.6023



53.3720, 52.1333, 72.8954



48.9115, 52.1333, 40.4727

Square

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



53.3720, 52.1333, 72.8954



54.9030, 52.1333, 46.7464



45.9171, 52.1333, 43.2079



44.5589, 52.1333, 68.1200

Rectangle

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



53.3720, 52.1333, 72.8954



56.1826, 52.1333, 58.1164



45.9171, 52.1333, 43.2079



43.4631, 52.1333, 55.4333

Sweetspot

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



53.3736, 52.1355, 72.8965



89.6191, 92.4973, 107.7381



54.6351, 59.1691, 74.1877



18.9694, 19.5053, 23.0151



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.



53.3736, 52.1355, 72.8965



73.6372, 70.6964, 104.3724



57.6367, 54.3332, 73.0961



12.8129, 12.8617, 16.4594



9.9043, 4.2300, 40.0329



0.7363, 0.3228, 2.5980

Inverse Universe

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



57.1954, 54.2795, 65.2225



80.1612, 74.3582, 91.1870



54.8171, 64.0701, 55.9344



13.3897, 13.1850, 15.3135



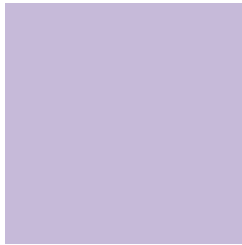
19.9385, 9.9764, 14.5882



1.3334, 0.6630, 1.1647

Previews

White Background



This preview shows how the XYZ color 53.3720, 52.1333, 72.8954 looks on a white background.

Color Contrast Check

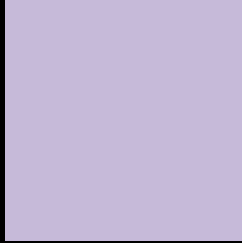
Large Text (above 18pt) WCAG AA × Fail

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 53.3720, 52.1333, 72.8954 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 53.3720, 52.1333, 72.8954

Background



This preview shows how black text looks on a background with the XYZ color 53.3720, 52.1333, 72.8954.



This preview shows how white text looks on a background with the XYZ color 53.3720, 52.1333,

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

53.3720, 52.1333, 72.8954

Protanopia

51.4493, 52.3805, 74.4166

Deuteranopia

53.1092, 51.9979, 72.8831



Tritanopia

51.5277, 52.0140, 63.8238

Trichromacy



Original Color

53.3720, 52.1333, 72.8954

Protanomaly

52.0877, 52.4043, 73.6994

Deuteranomaly

53.1092, 51.9979, 72.8831

Tritanomaly

52.1814, 51.9650, 66.9545

Monochromacy



Original Color

53.3720, 52.1333, 72.8954

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.5798, 52.6933, 63.3294

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3720, 52.1333, 72.8954 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(198, 186, 217)` looks like.

```
.text, #text, p{  
    color:rgb(198, 186, 217)  
}
```

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(198, 186, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 186, 217) }
```

Border

The CSS property to change the border of an element to XYZ 53.3720, 52.1333, 72.8954 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(198, 186, 217) }
```


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

```
.border{ border-color:rgb(198, 186, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 186, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 186, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 186, 217);  
box-shadow:4px 4px 4px 4px rgb(198, 186,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3720, 52.1333, 72.8954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 186, 217) }
```

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

```
.background{ background-color: rgb(198,  
186, 217) }
```

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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