

Converting Colors

XYZ(54.3505, 51.7340, 71.7527)

Have a look what the booklet for
XYZ(54.3505, 51.7340, 71.7527)
contains.

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Color

**XYZ(54.5050, 51.8040,
72.0922)**

Conversions

Conversions Part 1

Format	Color
Hex	CDB7D8
RGB	205, 183, 216
RGB Percent	80%, 72%, 85%
CMY	0.1961, 0.2823, 0.1529
CMYK	0.05, 0.15, 0.00, 0.15
HSL	280°, 30%, 78%
HSV	280°, 15%, 85%
XYZ	54.5050, 51.8040, 72.0922
YIQ	193.3400, 2.5190, 14.9270

Conversions

Conversions Part 2

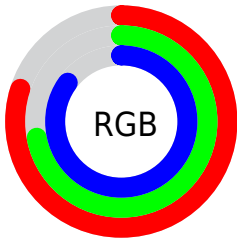
Format	Color
R_{YB}	205, 183, 216
Decimal	13481944
CIE _{Lab}	77.16, 13.84, -13.69
CIE _{LCh}	77, 19.464, 315.303
Yxy	51.8040, 0.3055, 0.2904
Android (android.graphics.Color)	4291672024 (0xFFCDB7D8)
YUV	193.3400, 11.1714, 10.2258
Hunter-Lab	71.9750, 9.2177, -9.0041

Details

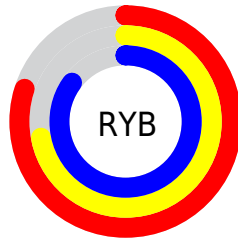
The XYZ color **54.5050, 51.8040, 72.0922** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **55.3531, 64.0013, 54.2384**, and the grayscale version is **50.8252, 53.4720, 58.2311**.

A 20% lighter version of the original color is **90.1565, 90.2130, 107.2688**, and **27.1782, 25.1178, 37.1340** is the 20% darker color. If you saturate the color by 10%, you get **48.4468, 42.5681, 70.6296**, and if you desaturate by 10%, it is **61.3414, 62.4589, 73.7893**.

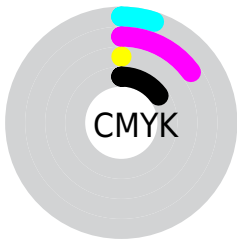
Distribution



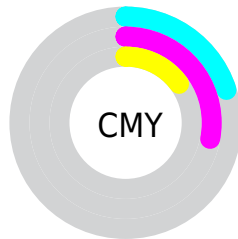
- Red (80%)
- Green (72%)
- Blue (85%)



- Red (80%)
- Yellow (72%)
- Blue (85%)



- Cyan (5%)
- Magenta (15%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (28%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5050, 51.8040, 72.0922 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 54.5050, 51.8040, 72.0922 by changing the saturation by 10% instead.

■ 54.5050, 51.8040,
72.0922

■ 54.5050, 51.8040,
72.0922

394.1998,
393.6795, 486.8486

■ 39.2378, 36.8489,
52.7467

■ 95.9679, 92.8421,
123.8965

■ 27.1263, 25.0905,
37.2143

122.8943,
119.6939, 157.1925

■ 17.8052, 16.1445,
25.0763

154.4378,
151.2800, 195.9756

■ 10.9091, 9.6265,
15.9144

190.9639,
187.9849, 240.6645

■ 6.0726, 5.1520,
9.3099

232.8377,
230.1928, 291.6777

■ 2.9303, 2.3367,
4.8443

280.4247,

■ 1.1170, 0.7930,

278.2883, 349.4338

2.0991

334.0903,
332.6557, 414.3512

■ 0.0393, 0.0000,
0.6152

■ 0.0000, 0.0000,
0.0000

■ 54.5050, 51.8040,
72.0922

■ 54.5050, 51.8040,
72.0922

■ 48.4468, 42.5681,
70.6296

■ 61.3414, 62.4589,
73.7893

■ 43.1299, 34.6816,
69.3876

■ 68.9817, 74.5848,
75.7271

■ 38.5211, 28.0794,
68.3561

■ 77.4559, 88.2394,
77.9161

■ 34.5827, 22.6877,
67.5230

■ 82.0221, 93.9372,
78.7752

■ 31.2731, 18.4255,
66.8747

■ 84.4319, 95.1795,
78.8880

■ 28.5458, 15.2014,
66.3962

■ 86.9389, 96.4718,
79.0053

■ 26.3466, 12.9093,
66.0697

■ 89.3948, 97.7379,
79.1202

■ 24.6096, 11.4193,
65.8736

■ 23.8957, 10.8868,
65.8085

Harmonies

Analogous

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



51.1521, 51.8040, 78.5855



54.5050, 51.8040, 72.0922



56.4935, 51.8040, 61.7695

Triad

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



54.5050, 51.8040, 72.0922



51.0770, 51.8040, 38.8055



42.6501, 51.8040, 61.9926

Complementary

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



54.5050, 51.8040, 72.0922



55.3531, 64.0013, 54.2384

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.



42.6322, 51.8040, 51.3619



54.5050, 51.8040, 72.0922



47.3725, 51.8040, 38.8493

Square

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



54.5050, 51.8040, 72.0922



54.4476, 51.8040, 43.0493



44.3220, 51.8040, 43.1777



44.3720, 51.8040, 72.2732

Rectangle

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



54.5050, 51.8040, 72.0922



56.7169, 51.8040, 54.5316



44.3220, 51.8040, 43.1777



42.4475, 51.8040, 58.3223

Sweetspot

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



54.5066, 51.8062, 72.0933



89.5701, 91.3360, 107.5165



51.3396, 53.8562, 72.6559



19.0120, 19.2985, 22.9729



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.



54.5066, 51.8062, 72.0933



76.7081, 71.3426, 104.3353



57.0181, 53.1738, 68.9204



12.5321, 12.4157, 15.6735



14.2623, 6.5050, 38.9570



0.9463, 0.4367, 2.3537

Inverse Universe

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



54.9918, 52.3633, 58.2502



77.5740, 72.3136, 80.6759



53.1579, 62.8091, 56.8727



12.5923, 12.4884, 13.7933



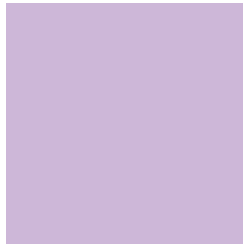
17.4993, 8.9360, 4.6674



1.0934, 0.5541, 0.4810

Previews

White Background



This preview shows how the XYZ color 54.5050, 51.8040, 72.0922 looks on a white background.

Color Contrast Check

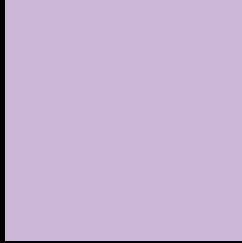
Large Text (above 18pt) WCAG AA × Fail

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 54.5050, 51.8040, 72.0922 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

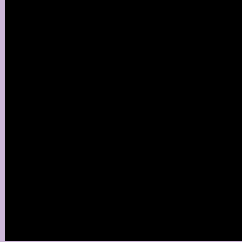
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.5050, 51.8040, 72.0922

Background



This preview shows how black text looks on a background with the XYZ color 54.5050, 51.8040, 72.0922.



This preview shows how white text looks on a background with the XYZ color 54.5050, 51.8040,

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

54.5050, 51.8040, 72.0922

Protanopia

51.1234, 51.8768, 75.0289

Deuteranopia

52.8506, 51.8944, 71.5211



Tritanopia

52.6128, 51.9845, 61.9046

Trichromacy



Original Color

54.5050, 51.8040, 72.0922

Protanomaly

52.2947, 51.8616, 74.2719

Deuteranomaly

53.4341, 51.8836, 71.4882

Tritanomaly

53.3914, 51.9915, 65.6139

Monochromacy



Original Color

54.5050, 51.8040, 72.0922

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.7662, 52.4826, 62.6601

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5050, 51.8040, 72.0922 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(205, 183, 216)` looks like.

```
.text, #text, p{  
    color:rgb(205, 183, 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(205, 183, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 183, 216) }
```

Border

The CSS property to change the border of an element to XYZ 54.5050, 51.8040, 72.0922 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(205, 183, 216) }
```


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

```
.border{ border-color:rgb(205, 183, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 183, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 183, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 183, 216);  
box-shadow:4px 4px 4px 4px rgb(205, 183,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5050, 51.8040, 72.0922 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 183, 216) }
```

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

```
.background{ background-color: rgb(205,  
183, 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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