

Converting Colors

XYZ(55.2774, 53.5314, 72.0852)

Have a look what the booklet for
XYZ(55.2774, 53.5314, 72.0852)
contains.

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Color

**XYZ(55.3418, 53.4777,
72.3711)**

Conversions

Conversions Part 1

Format	Color
Hex	CDBBD8
RGB	205, 187, 216
RGB Percent	80%, 73%, 85%
CMY	0.1961, 0.2666, 0.1529
CMYK	0.05, 0.13, 0.00, 0.15
HSL	277°, 27%, 79%
HSV	277°, 13%, 85%
XYZ	55.3418, 53.4777, 72.3711
YIQ	195.6880, 1.4190, 12.8350

Conversions

Conversions Part 2

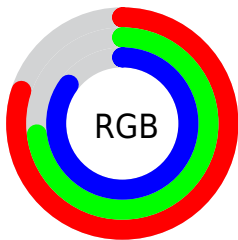
Format	Color
R _Y B	205, 187, 216
Decimal	13482968
CIE Lab	78.16, 11.67, -12.20
CIE LCh	78, 16.886, 313.726
Yxy	53.4777, 0.3054, 0.2951
Android (android.graphics.Color)	4291673048 (0xFFCDBBD8)
YUV	195.6880, 10.0138, 8.1666
Hunter-Lab	73.1284, 7.1096, -7.4861

Details

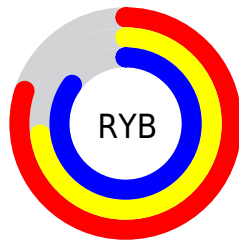
The XYZ color **55.3418, 53.4777, 72.3711** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **56.8162, 64.7068, 56.5116**, and the grayscale version is **52.2252, 54.9450, 59.8351**.

A 20% lighter version of the original color is **91.3406, 92.5812, 107.6635**, and **27.7206, 26.2027, 37.3148** is the 20% darker color. If you saturate the color by 10%, you get **48.8986, 43.8588, 70.8549**, and if you desaturate by 10%, it is **62.5958, 64.5406, 74.1249**.

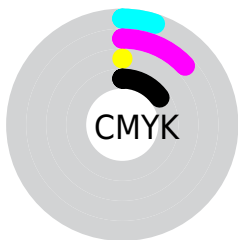
Distribution



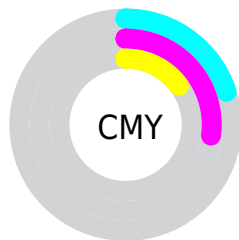
- Red (80%)
- Green (73%)
- Blue (85%)



- Red (80%)
- Yellow (73%)
- Blue (85%)



- Cyan (5%)
- Magenta (13%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (27%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3418, 53.4777, 72.3711 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 55.3418, 53.4777, 72.3711 by changing the saturation by 10% instead.

■ 55.3418, 53.4777,
72.3711

■ 55.3418, 53.4777,
72.3711

397.3216,
400.1152, 487.8445

■ 39.9104, 38.1843,
52.9732

■ 97.1870, 95.3069,
124.2966

■ 27.6526, 26.1257,
37.3938

124.3314,
122.6115, 157.6613

■ 18.2030, 16.9177,
25.2144

156.1109,
154.6886, 196.5187

■ 11.1964, 10.1758,
16.0164

192.8908,
191.9225, 241.2872

■ 6.2674, 5.5157,
9.3812

235.0365,
234.6978, 292.3856

■ 3.0505, 2.5529,
4.8905

282.9133,

■ 1.1805, 0.9030,

283.3987, 350.2322

2.1255

336.8865,
338.4097, 415.2456

■ 0.0909, 0.0000,
0.6309

■ 0.0000, 0.0000,
0.0000

■ 55.3418, 53.4777,
72.3711

■ 55.3418, 53.4777,
72.3711

■ 48.8986, 43.8588,
70.8549

■ 62.5958, 64.5406,
74.1249

■ 43.2290, 35.6148,
69.5624

■ 70.6863, 77.0991,
76.1226

■ 38.2997, 28.6810,
68.4839

■ 79.6437, 91.2106,
78.3743

■ 34.0729, 22.9848,
67.6072

■ 83.3400, 94.6166,
78.8368

■ 30.5074, 18.4464,
66.9191

■ 86.1508, 96.0656,
78.9684

■ 27.5568, 14.9760,
66.4048

■ 89.0885, 97.5800,
79.1059

■ 25.1681, 12.4705,
66.0471

■ 89.3948, 97.7379,
79.1202

■ 23.2773, 10.8052,
65.8253

■ 22.2361, 10.0313,
65.7308

Harmonies

Analogous

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



52.3493, 53.4777, 77.7237



55.3418, 53.4777, 72.3711



57.1659, 53.4777, 63.4700

Triad

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



55.3418, 53.4777, 72.3711



52.6278, 53.4777, 42.4692



44.9112, 53.4777, 62.6469

Complementary

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



55.3418, 53.4777, 72.3711



56.8162, 64.7068, 56.5116

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.



44.9785, 53.4777, 53.2831



55.3418, 53.4777, 72.3711



49.3383, 53.4777, 42.2999

Square

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



55.3418, 53.4777, 72.3711



55.5532, 53.4777, 46.5497



46.5684, 53.4777, 46.0593



46.3804, 53.4777, 71.7126

Rectangle

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



55.3418, 53.4777, 72.3711



57.4267, 53.4777, 57.0553



46.5684, 53.4777, 46.0593



44.7569, 53.4777, 59.4169

Sweetspot

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



55.3434, 53.4800, 72.3723



90.4727, 92.9374, 107.7780



53.1111, 55.9664, 72.9699



19.1854, 19.6166, 23.0252



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.



55.3434, 53.4800, 72.3723



77.9205, 73.8562, 104.7566



58.0524, 54.9266, 70.2392



12.4754, 12.3865, 15.6708



13.2848, 6.0011, 38.9113



0.8920, 0.4087, 2.3512

Inverse Universe

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



56.2842, 54.2193, 60.9277



79.5749, 75.1495, 84.9369



54.3876, 63.4124, 58.3110



12.6162, 12.4980, 13.9192



17.7106, 9.0206, 5.7802



1.1079, 0.5599, 0.5575

Previews

White Background



This preview shows how the XYZ color 55.3418, 53.4777, 72.3711 looks on a white background.

Color Contrast Check

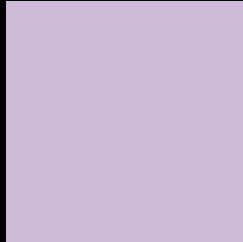
Large Text (above 18pt) WCAG AA × Fail

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 55.3418, 53.4777, 72.3711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

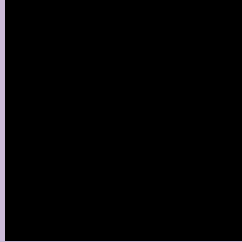
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3418, 53.4777, 72.3711

Background



This preview shows how black text looks on a background with the XYZ color 55.3418, 53.4777, 72.3711.



This preview shows how white text looks on a background with the XYZ color 55.3418, 53.4777,

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

55.3418, 53.4777, 72.3711

Protanopia

52.6221, 53.6326, 74.5965

Deuteranopia

54.7350, 53.4809, 72.4037



Tritanopia

53.7253, 53.4513, 64.6123

Trichromacy



Original Color

55.3418, 53.4777, 72.3711

Protanomaly

53.5740, 53.4910, 73.8308

Deuteranomaly

55.0065, 53.6208, 72.4164

Tritanomaly

54.2702, 53.3579, 67.1133

Monochromacy



Original Color

55.3418, 53.4777, 72.3711

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

53.4026, 54.5938, 64.2230

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3418, 53.4777, 72.3711 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, 187, 216)` looks like.

```
.text, #text, p{  
    color:rgb(205, 187, 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, 187, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 187, 216) }
```

Border

The CSS property to change the border of an element to XYZ 55.3418, 53.4777, 72.3711 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, 187, 216) }
```


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

```
.border{ border-color:rgb(205, 187, 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, 187, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 187, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 187, 216);  
box-shadow:4px 4px 4px 4px rgb(205, 187,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3418, 53.4777, 72.3711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 187, 216) }
```

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

```
.background{ background-color: rgb(205,  
187, 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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