

Converting Colors

XYZ(55.3602, 51.6110, 73.9703)

Have a look what the booklet for
XYZ(55.3602, 51.6110, 73.9703)
contains.

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Color

**XYZ(55.3225, 51.5721,
74.0564)**

Conversions

Conversions Part 1

Format	Color
Hex	D0B5DB
RGB	208, 181, 219
RGB Percent	82%, 71%, 86%
CMY	0.1843, 0.2902, 0.1412
CMYK	0.05, 0.17, 0.00, 0.14
HSL	283°, 35%, 78%
HSV	283°, 17%, 86%
XYZ	55.3225, 51.5721, 74.0564
YIQ	193.4050, 3.8940, 17.5420

Conversions

Conversions Part 2

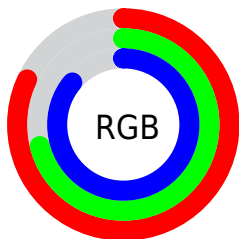
Format	Color
R_{YB}	208, 181, 219
Decimal	13678043
CIE _{Lab}	77.02, 16.50, -15.50
CIE _{LCh}	77, 22.640, 316.796
Yxy	51.5721, 0.3057, 0.2850
Android (android.graphics.Color)	4291868123 (0xFFD0B5DB)
YUV	193.4050, 12.6183, 12.7998
Hunter-Lab	71.8137, 11.8355, -10.8720

Details

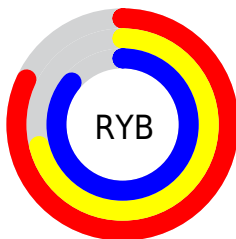
The XYZ color **55.3225, 51.5721, 74.0564** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **55.4120, 65.2070, 53.3842**, and the grayscale version is **50.8546, 53.5030, 58.2648**.

A 20% lighter version of the original color is **89.5742, 89.0484, 107.0747**, and **27.5569, 24.8910, 38.4740** is the 20% darker color. If you saturate the color by 10%, you get **49.4682, 42.4562, 72.6062**, and if you desaturate by 10%, it is **61.9511, 62.1290, 75.7455**.

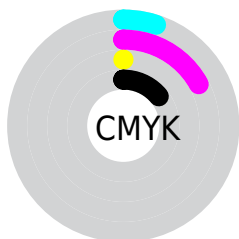
Distribution



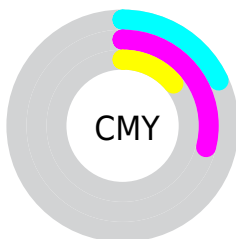
- Red (82%)
- Green (71%)
- Blue (86%)



- Red (82%)
- Yellow (71%)
- Blue (86%)



- Cyan (5%)
- Magenta (17%)
- Yellow (0%)
- Black (14%)



- Cyan (18%)
- Magenta (29%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.3225, 51.5721, 74.0564 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 55.3225, 51.5721, 74.0564 by changing the saturation by 10% instead.

■ 55.3225, 51.5721,
74.0564

■ 55.3225, 51.5721,
74.0564

397.2498,
392.7824, 493.8366

■ 39.8948, 36.6641,
54.3431

■ 97.1589, 92.4999,
126.7105

■ 27.6404, 24.9475,
38.4810

124.2983,
119.2885, 160.4885

■ 18.1938, 16.0380,
26.0515

156.0724,
150.8060, 199.7917

■ 11.1898, 9.5510,
16.6361

192.8465,
187.4370, 245.0389

■ 6.2629, 5.1023,
9.8162

234.9859,
229.5657, 296.6484

■ 3.0477, 2.3074,
5.1732

282.8560,

■ 1.1791, 0.7776,

277.5766, 355.0388

2.2887

336.8222,
331.8540, 420.6287

■ 0.0897, 0.0000,
0.7249

■ 0.0000, 0.0000,
0.0000

■ 55.3225, 51.5721,
74.0564

■ 55.3225, 51.5721,
74.0564

■ 49.4682, 42.4562,
72.6062

■ 61.9511, 62.1290,
75.7455

■ 44.3502, 34.7091,
71.3806

■ 69.3806, 74.1816,
77.6803

■ 39.9338, 28.2621,
70.3690

■ 77.6420, 87.7900,
79.8716

■ 36.1799, 23.0379,
69.5585

■ 82.2684, 94.0189,
80.8300

■ 33.0449, 18.9509,
68.9348

■ 84.3798, 95.1074,
80.9288

■ 30.4798, 15.9040,
68.4819

■ 86.5664, 96.2346,
81.0312

■ 28.4270, 13.7836,
68.1808

■ 88.8288, 97.4009,
81.1371

■ 26.8095, 12.4373,
68.0062

■ 89.7863, 97.8945,
81.1819

■ 26.4202, 12.1430,
67.9699

Harmonies

Analogous

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



51.4564, 51.5721, 82.1331



55.3225, 51.5721, 74.0564



57.5538, 51.5721, 61.7620

Triad

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



55.3225, 51.5721, 74.0564



50.9389, 51.5721, 36.0383



41.4908, 51.5721, 63.3087

Complementary

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



55.3225, 51.5721, 74.0564



55.4120, 65.2070, 53.3842

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.



41.3704, 51.5721, 50.8948



55.3225, 51.5721, 74.0564



46.6574, 51.5721, 36.3261

Square

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



55.3225, 51.5721, 74.0564



54.9246, 51.5721, 40.5423



43.2112, 51.5721, 41.3964



43.5504, 51.5721, 75.3311

Rectangle

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



55.3225, 51.5721, 74.0564



57.7333, 51.5721, 53.3861



43.2112, 51.5721, 41.3964



41.2266, 51.5721, 59.0144

Sweetspot

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



55.3241, 51.5743, 74.0575



89.7717, 91.4399, 107.5259



50.7818, 52.8156, 74.5365



19.0611, 19.3238, 22.9752



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.



55.3241, 51.5743, 74.0575



74.8068, 67.6410, 103.7210



57.5469, 52.8332, 69.0572



13.2281, 13.0757, 16.4788



15.7792, 7.2586, 40.3078



1.1060, 0.5134, 2.6153

Inverse Universe

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



55.2534, 51.9158, 56.9800



74.7498, 68.2507, 74.8467



53.5313, 64.1449, 57.4788



13.2103, 13.1132, 14.3686



17.9021, 9.1619, 3.8647



1.1967, 0.6083, 0.4449

Previews

White Background



This preview shows how the XYZ color 55.3225, 51.5721, 74.0564 looks on a white background.

Color Contrast Check

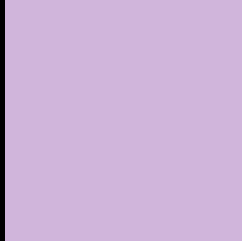
Large Text (above 18pt) WCAG AA × Fail

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 55.3225, 51.5721, 74.0564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

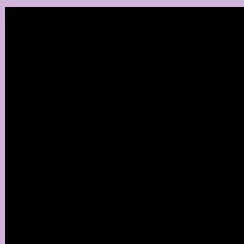
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.3225, 51.5721, 74.0564

Background



This preview shows how black text looks on a background with the XYZ color 55.3225, 51.5721, 74.0564.



This preview shows how white text looks on a background with the XYZ color 55.3225, 51.5721,

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

55.3225, 51.5721, 74.0564

Protanopia

51.1806, 51.8443, 77.8305

Deuteranopia

52.7688, 51.4956, 73.4881



Tritanopia

52.6261, 51.3836, 61.1772

Trichromacy



Original Color

55.3225, 51.5721, 74.0564

Protanomaly

52.4819, 51.5982, 76.3006

Deuteranomaly

53.6148, 51.6223, 73.4680

Tritanomaly

53.5277, 51.4450, 65.5012

Monochromacy



Original Color

55.3225, 51.5721, 74.0564

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.1470, 52.6652, 63.2941

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.3225, 51.5721, 74.0564 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(208, 181, 219)` looks like.

```
.text, #text, p{  
    color:rgb(208, 181, 219)  
}
```

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(208, 181, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 181, 219) }
```

Border

The CSS property to change the border of an element to XYZ 55.3225, 51.5721, 74.0564 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(208, 181, 219) }
```


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

```
.border{ border-color:rgb(208, 181, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 181, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 181, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 181, 219);  
box-shadow:4px 4px 4px 4px rgb(208, 181,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 55.3225, 51.5721, 74.0564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 181, 219) }
```

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

```
.background{ background-color: rgb(208,  
181, 219) }
```

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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