

Converting Colors

XYZ(55.0078, 54.5065, 74.2643)

Have a look what the booklet for
XYZ(55.0078, 54.5065, 74.2643)
contains.

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Color

**XYZ(55.1051, 54.6029,
73.9647)**

Conversions

Conversions Part 1

Format	Color
Hex	C8BFDA
RGB	200, 191, 218
RGB Percent	78%, 75%, 85%
CMY	0.2157, 0.2510, 0.1451
CMYK	0.08, 0.12, 0.00, 0.15
HSL	260°, 27%, 80%
HSV	260°, 12%, 85%
XYZ	55.1051, 54.6029, 73.9647
YIQ	196.7690, -3.3030, 10.3050

Conversions

Conversions Part 2

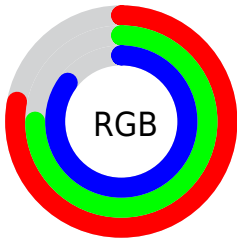
Format	Color
R_{YB}	200, 191, 218
Decimal	13156314
CIE _{Lab}	78.81, 8.25, -12.34
CIE _{LCh}	79, 14.847, 303.754
Yxy	54.6029, 0.3000, 0.2973
Android (android.graphics.Color)	4291346394 (0xFFC8BFDA)
YUV	196.7690, 10.4669, 2.8336
Hunter-Lab	73.8938, 3.7994, -7.6213

Details

The XYZ color **55.1051, 54.6029, 73.9647** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **60.7718, 67.4611, 59.1111**, and the grayscale version is **52.8733, 55.6268, 60.5776**.

A 20% lighter version of the original color is **92.5508, 95.0015, 108.0669**, and **27.5534, 26.9323, 38.3966** is the 20% darker color. If you saturate the color by 10%, you get **47.0015, 43.8866, 72.3242**, and if you desaturate by 10%, it is **64.2886, 66.9293, 75.8608**.

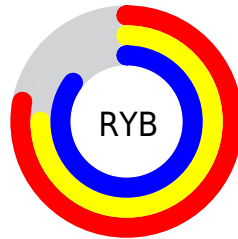
Distribution



Red (78%)

Green (75%)

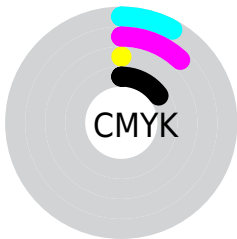
Blue (85%)



Red (78%)

Yellow (75%)

Blue (85%)

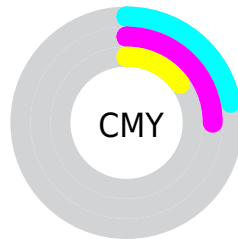


Cyan (8%)

Magenta (12%)

Yellow (0%)

Black (15%)



Cyan (22%)

Magenta (25%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.1051, 54.6029, 73.9647 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 55.1051, 54.6029, 73.9647 by changing the saturation by 10% instead.

■ 55.1051, 54.6029,
73.9647

■ 55.1051, 54.6029,
73.9647

396.4401,
404.4049, 493.5117

■ 39.7201, 39.0839,
54.2685

■ 96.8424, 96.9589,
126.5793

■ 27.5036, 26.8250,
38.4218

123.9253,
124.5647, 160.3349

■ 18.0903, 17.4418,
26.0058

155.6382,
156.9681, 199.6140

■ 11.1149, 10.5500,
16.6022

192.3464,
194.5537, 244.8352

■ 6.2121, 5.7651,
9.7923

234.4154,
237.7058, 296.4170

■ 3.0163, 2.7028,
5.1577

282.2104,

■ 1.1624, 0.9786,

286.8087, 354.7780

2.2797

336.0969,
342.2470, 420.3367

■ 0.0764, 0.0000,
0.7198

■ 0.0000, 0.0000,
0.0000

■ 55.1051, 54.6029,
73.9647

■ 55.1051, 54.6029,
73.9647

■ 47.0015, 43.8866,
72.3242

■ 64.2886, 66.9293,
75.8608

■ 39.9316, 34.7058,
70.9247

■ 74.5862, 80.9223,
78.0189

■ 33.8528, 26.9904,
69.7559

■ 85.5867, 95.7447,
80.3002

■ 28.7175, 20.6619,
68.8051

■ 89.6550, 97.8420,
80.4906

■ 24.4740, 15.6345,
68.0583

■ 21.0651, 11.8122,
67.5002

■ 18.4261, 9.0853,
67.1130

■ 16.4809, 7.3228,
66.8753

■ 15.3766, 6.4650,
66.7679

Harmonies

Analogous

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



52.2696, 54.6029, 77.1272



55.1051, 54.6029, 73.9647



57.1387, 54.6029, 66.9087

Triad

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



55.1051, 54.6029, 73.9647



54.4402, 54.6029, 46.0754



46.4563, 54.6029, 60.5201

Complementary

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



55.1051, 54.6029, 73.9647



60.7718, 67.4611, 59.1111

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.



46.9887, 54.6029, 52.5733



55.1051, 54.6029, 73.9647



51.5290, 54.6029, 44.7094

Square

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



55.1051, 54.6029, 73.9647



56.7448, 54.6029, 50.8991



48.8186, 54.6029, 46.9760



47.3361, 54.6029, 68.9159

Rectangle

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



55.1051, 54.6029, 73.9647



57.7267, 54.6029, 61.2333



48.8186, 54.6029, 46.9760



46.4762, 54.6029, 57.7081

Sweetspot

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



55.1067, 54.6052, 73.9659



89.4241, 92.3968, 107.7290



57.0536, 61.9621, 75.2833



18.9202, 19.4799, 23.0127



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.



55.1067, 54.6052, 73.9659



75.2706, 73.4569, 104.8192



58.7424, 56.4795, 74.1361



12.7455, 12.8269, 16.4562



9.3143, 3.9259, 40.0053



0.6931, 0.3005, 2.5959

Inverse Universe

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



59.0547, 56.7728, 68.1699



82.0534, 77.1829, 94.7763



57.2291, 65.6348, 58.9453



13.4203, 13.1972, 15.4745



20.4519, 10.1818, 17.2918



1.3643, 0.6754, 1.3275

Previews

White Background



This preview shows how the XYZ color 55.1051, 54.6029, 73.9647 looks on a white background.

Color Contrast Check

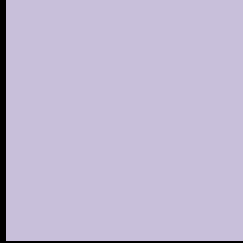
Large Text (above 18pt) WCAG AA × Fail

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 55.1051, 54.6029, 73.9647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

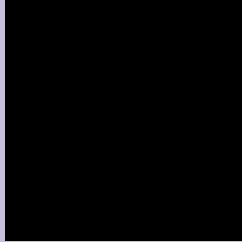
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.1051, 54.6029, 73.9647

Background



This preview shows how black text looks on a background with the XYZ color 55.1051, 54.6029, 73.9647.



This preview shows how white text looks on a background with the XYZ color 55.1051, 54.6029,

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

55.1051, 54.6029, 73.9647

Protanopia

53.6959, 54.8272, 75.4628

Deuteranopia

55.6969, 54.5854, 73.9302



Tritanopia

53.7438, 54.6998, 67.4000

Trichromacy



Original Color

55.1051, 54.6029, 73.9647

Protanomaly

54.1043, 54.7237, 74.7290

Deuteranomaly

55.4255, 54.4454, 73.9174

Tritanomaly

54.2865, 54.5949, 69.9640

Monochromacy



Original Color

55.1051, 54.6029, 73.9647

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.8233, 55.4438, 65.6225

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.1051, 54.6029, 73.9647 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(200, 191, 218)` looks like.

```
.text, #text, p{  
    color:rgb(200, 191, 218)  
}
```

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(200, 191, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 191, 218) }
```

Border

The CSS property to change the border of an element to XYZ 55.1051, 54.6029, 73.9647 is called "border". The border property can be set on classes, ids or directly on the HTML element.

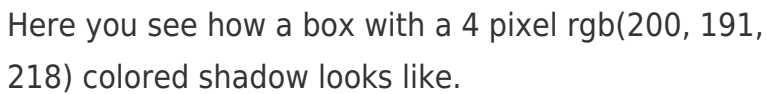
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(200, 191, 218) }
```


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

```
.border{ border-color:rgb(200, 191, 218) }
```

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



Here you see how a box with a 4 pixel `rgb(200, 191, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 191, 218); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 191, 218); box-shadow:4px 4px 4px 4px rgb(200, 191, 218) }
```

Background

The CSS property to change the background color of an element to XYZ 55.1051, 54.6029, 73.9647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 191, 218) }
```

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

```
.background{ background-color: rgb(200,  
191, 218) }
```

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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