

Converting Colors

XYZ(55.5819, 51.4867, 75.0596)

Have a look what the booklet for
XYZ(55.5819, 51.4867, 75.0596)
contains.

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Color

**XYZ(55.5340, 51.3651,
74.6976)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B4DC
RGB	209, 180, 220
RGB Percent	82%, 71%, 86%
CMY	0.1804, 0.2941, 0.1373
CMYK	0.05, 0.18, 0.00, 0.14
HSL	283°, 36%, 78%
HSV	283°, 18%, 86%
XYZ	55.5340, 51.3651, 74.6976
YIQ	193.2310, 4.4440, 18.5880

Conversions

Conversions Part 2

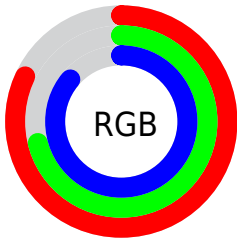
Format	Color
R_{YB}	209, 180, 220
Decimal	13743324
CIE _{Lab}	76.90, 17.57, -16.22
CIE _{LCh}	77, 23.913, 317.289
Yxy	51.3651, 0.3058, 0.2829
Android (android.graphics.Color)	4291933404 (0xFFD1B4DC)
YUV	193.2310, 13.1971, 13.8294
Hunter-Lab	71.6694, 12.8915, -11.6265

Details

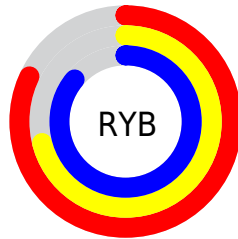
The XYZ color **55.5340, 51.3651, 74.6976** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.3190, 65.5593, 52.9211**, and the grayscale version is **50.7487, 53.3916, 58.1434**.

A 20% lighter version of the original color is **89.2855, 88.4709, 106.9785**, and **27.7073, 24.7654, 38.9172** is the 20% darker color. If you saturate the color by 10%, you get **49.7614, 42.3123, 73.2553**, and if you desaturate by 10%, it is **62.0796, 61.8656, 76.3802**.

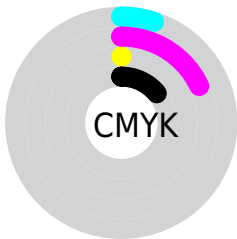
Distribution



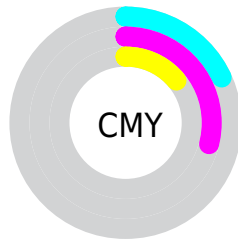
- Red (82%)
- Green (71%)
- Blue (86%)



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



- Cyan (5%)
- Magenta (18%)
- Yellow (0%)
- Black (14%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5340, 51.3651, 74.6976 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 55.5340, 51.3651, 74.6976 by changing the saturation by 10% instead.

■ 55.5340, 51.3651,
74.6976

■ 55.5340, 51.3651,
74.6976

398.0365,
391.9806, 496.1052

■ 40.0650, 36.4993,
54.8650

■ 97.4667, 92.1942,
127.6274

■ 27.7736, 24.8200,
38.8957

124.6610,
118.9263, 161.5616

■ 18.2947, 15.9430,
26.3714

156.4945,
150.3826, 201.0334

■ 11.2627, 9.4838,
16.8735

193.3325,
186.9474, 246.4613

■ 6.3124, 5.0581,
9.9833

235.5403,
229.0052, 298.2639

■ 3.0784, 2.2814,
5.2824

283.4834,

■ 1.1954, 0.7638,

276.9405, 356.8597

2.3523

337.5270,
331.1375, 422.6673

■ 0.1027, 0.0000,
0.7603

■ 0.0000, 0.0000,
0.0000

■ 55.5340, 51.3651,
74.6976

■ 55.5340, 51.3651,
74.6976

■ 49.7614, 42.3123,
73.2553

■ 62.0796, 61.8656,
76.3802

■ 44.7233, 34.6339,
72.0387

■ 69.4253, 73.8695,
78.3100

■ 40.3846, 28.2600,
71.0371

■ 77.6023, 87.4376,
80.4979

■ 36.7055, 23.1119,
70.2373

■ 82.3489, 94.0451,
81.5232

■ 33.6416, 19.1022,
69.6249

■ 84.3604, 95.0821,
81.6173

■ 31.1429, 16.1317,
69.1832

■ 86.4404, 96.1544,
81.7146

■ 29.1504, 14.0837,
68.8929

■ 88.5895, 97.2623,
81.8152

■ 27.5793, 12.7898,
68.7260

■ 89.9184, 97.9474,
81.8774

■ 27.3156, 12.5894,
68.7012

Harmonies

Analogous

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



51.4668, 51.3651, 83.4171



55.5340, 51.3651, 74.6976



57.8599, 51.3651, 61.6225

Triad

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



55.5340, 51.3651, 74.6976



50.7709, 51.3651, 34.8782



40.9368, 51.3651, 63.7077

Complementary

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



55.5340, 51.3651, 74.6976



55.3190, 65.5593, 52.9211

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.



40.7762, 51.3651, 50.5953



55.5340, 51.3651, 74.6976



46.2674, 51.3651, 35.2576

Square

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



55.5340, 51.3651, 74.6976



54.9973, 51.3651, 39.4671



42.6720, 51.3651, 40.5994



43.1253, 51.3651, 76.4270

Rectangle

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



55.5340, 51.3651, 74.6976



58.0209, 51.3651, 52.8094



42.6720, 51.3651, 40.5994



40.6489, 51.3651, 59.1667

Sweetspot

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



55.5356, 51.3673, 74.6987



89.8383, 91.4742, 107.5290



50.4462, 52.2800, 75.1431



19.0773, 19.3321, 22.9759



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.



55.5356, 51.3673, 74.6987



74.2405, 66.4713, 103.5251



57.6377, 52.5802, 68.9597



13.2471, 13.0855, 16.4797



16.1436, 7.4465, 40.3249



1.1273, 0.5244, 2.6162

Inverse Universe

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



55.2421, 51.6220, 56.3450



73.8200, 66.9327, 72.8668



53.5665, 64.5506, 57.5931



13.2024, 13.1101, 14.3273



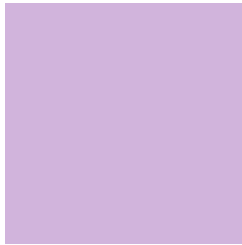
17.8492, 9.1407, 3.5861



1.1925, 0.6066, 0.4224

Previews

White Background



This preview shows how the XYZ color 55.5340, 51.3651, 74.6976 looks on a white background.

Color Contrast Check

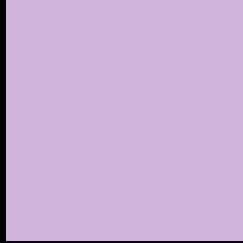
Large Text (above 18pt) WCAG AA × Fail

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 55.5340, 51.3651, 74.6976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

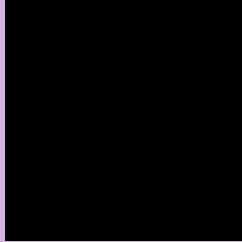
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.5340, 51.3651, 74.6976

Background



This preview shows how black text looks on a background with the XYZ color 55.5340, 51.3651, 74.6976.



This preview shows how white text looks on a background with the XYZ color 55.5340, 51.3651,

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

55.5340, 51.3651, 74.6976

Protanopia

51.0021, 51.4025, 79.1851

Deuteranopia

52.6408, 51.4145, 74.1674



Tritanopia

52.7871, 51.4800, 60.5805

Trichromacy



Original Color

55.5340, 51.3651, 74.6976

Protanomaly

52.5417, 51.2862, 77.6510

Deuteranomaly

53.5391, 51.2608, 74.0903

Tritanomaly

53.8062, 51.5886, 65.5142

Monochromacy



Original Color

55.5340, 51.3651, 74.6976

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

52.3159, 52.4204, 63.8607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5340, 51.3651, 74.6976 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(209, 180, 220)` looks like.

```
.text, #text, p{  
    color:rgb(209, 180, 220)  
}
```

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(209, 180, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 180, 220) }
```

Border

The CSS property to change the border of an element to XYZ 55.5340, 51.3651, 74.6976 is called "border". The border property can be set on classes, ids or directly on the HTML element.

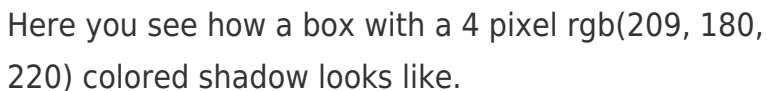
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(209, 180, 220) }
```


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

```
.border{ border-color:rgb(209, 180, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(209, 180, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(209, 180, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(209, 180, 220); box-shadow:4px 4px 4px 4px rgb(209, 180, 220) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5340, 51.3651, 74.6976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 180, 220) }
```

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

```
.background{ background-color: rgb(209,  
180, 220) }
```

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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