

Converting Colors

XYZ(55.2780, 55.3440, 74.0987)

Have a look what the booklet for
XYZ(55.2780, 55.3440, 74.0987)
contains.

XYZ(55.2780, 55.3440, 74.0987)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(55.2780, 55.3440,
74.0987)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C1DA
RGB	199, 193, 218
RGB Percent	78%, 76%, 85%
CMY	0.2196, 0.2431, 0.1451
CMYK	0.09, 0.11, 0.00, 0.15
HSL	254°, 25%, 81%
HSV	254°, 11%, 85%
XYZ	55.2780, 55.3440, 74.0987
YIQ	197.6440, -4.4490, 9.0470

Conversions

Conversions Part 2

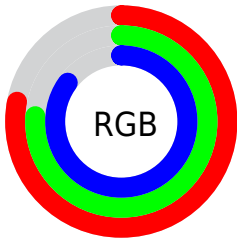
Format	Color
R _Y B	199, 193, 218
Decimal	13091290
CIE Lab	79.24, 6.84, -11.71
CIE LCh	79, 13.567, 300.297
Yxy	55.3440, 0.2993, 0.2996
Android (android.graphics.Color)	4291281370 (0xFFC7C1DA)
YUV	197.6440, 10.0355, 1.1892
Hunter-Lab	74.3935, 2.4454, -6.9795

Details

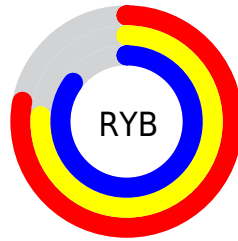
The XYZ color **55.2780, 55.3440, 74.0987** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.8505, 67.9917, 60.3186**, and the grayscale version is **53.4049, 56.1861, 61.1866**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **27.6660, 27.4203, 38.4848** is the 20% darker color. If you saturate the color by 10%, you get **46.6501, 44.2629, 72.4154**, and if you desaturate by 10%, it is **65.0983, 68.0973, 76.0436**.

Distribution



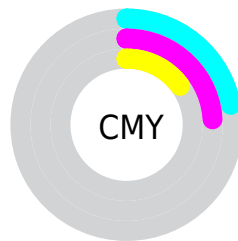
- Red (78%)
- Green (76%)
- Blue (85%)



- Red (78%)
- Yellow (76%)
- Blue (85%)



- Cyan (9%)
- Magenta (11%)
- Yellow (0%)
- Black (15%)



- Cyan (22%)
- Magenta (24%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.2780, 55.3440, 74.0987 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 55.2780, 55.3440, 74.0987 by changing the saturation by 10% instead.

■ 55.2780, 55.3440,
74.0987

■ 55.2780, 55.3440,
74.0987

397.0842,
407.2146, 493.9865

■ 39.8591, 39.6772,
54.3775

■ 97.0941, 98.0448,
126.7710

■ 27.6124, 27.2870,
38.5084

124.2220,
125.8476, 160.5593

■ 18.1726, 17.7889,
26.0726

155.9835,
158.4645, 199.8737

■ 11.1744, 10.7985,
16.6517

192.7441,
196.2799, 245.1328

■ 6.2525, 5.9315,
9.8272

234.8692,
239.6782, 296.7550

■ 3.0413, 2.8035,
5.1804

282.7239,

■ 1.1756, 1.0300,

289.0438, 355.1591

2.2929

336.6738,
344.7612, 420.7633

■ 0.0870, 0.0000,
0.7272

■ 0.0000, 0.0000,
0.0000

■ 55.2780, 55.3440,
74.0987

■ 55.2780, 55.3440,
74.0987

■ 46.6501, 44.2629,
72.4154

■ 65.0983, 68.0973,
76.0436

■ 39.1634, 34.7771,
70.9791

■ 76.1497, 82.5814,
78.2568

■ 32.7703, 26.8143,
69.7791

■ 87.3793, 96.6689,
80.3841

■ 27.4178, 20.2936,
68.8025

■ 89.6551, 97.8420,
80.4906

■ 23.0482, 15.1267,
68.0355

■ 19.5981, 11.2150,
67.4623

■ 16.9958, 8.4465,
67.0651

■ 15.1579, 6.6881,
66.8226

■ 14.0867, 5.8001,
66.7076

Harmonies

Analogous

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



52.6298, 55.3440, 76.4646



55.2780, 55.3440, 74.0987



57.2642, 55.3440, 67.9685

Triad

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



55.2780, 55.3440, 74.0987



55.2296, 55.3440, 48.1951



47.5579, 55.3440, 60.3376

Complementary

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



55.2780, 55.3440, 74.0987



61.8505, 67.9917, 60.3186

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.



48.2015, 55.3440, 53.1579



55.2780, 55.3440, 74.0987



52.5758, 55.3440, 46.5239

Square

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



55.2780, 55.3440, 74.0987



57.2356, 55.3440, 53.0347



50.0154, 55.3440, 48.2618



48.2270, 55.3440, 68.1139

Rectangle

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



55.2780, 55.3440, 74.0987



57.9129, 55.3440, 62.8129



50.0154, 55.3440, 48.2618



47.6276, 55.3440, 57.7776

Sweetspot

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



55.2797, 55.3463, 74.0999



90.5509, 94.1296, 108.0040



58.2343, 63.5715, 75.5318



19.1301, 19.8200, 23.0673



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.



55.2797, 55.3463, 74.0999



75.4119, 74.5116, 105.0153



58.6863, 57.1025, 74.2593



12.6297, 12.7672, 16.4508



8.5202, 3.5165, 39.9681



0.6293, 0.2677, 2.5929

Inverse Universe

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



59.8690, 57.8013, 70.2916



83.3513, 78.7603, 98.3487



58.4294, 66.2280, 60.1585



13.4739, 13.2186, 15.7566



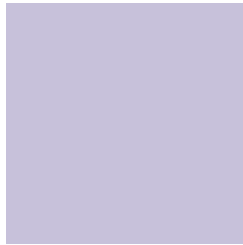
21.4734, 10.5904, 22.6705



1.4239, 0.6992, 1.6413

Previews

White Background



This preview shows how the XYZ color 55.2780, 55.3440, 74.0987 looks on a white background.

Color Contrast Check

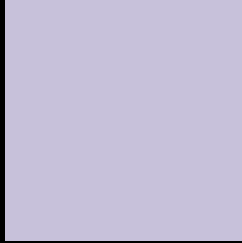
Large Text (above 18pt) WCAG AA × Fail

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 55.2780, 55.3440, 74.0987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

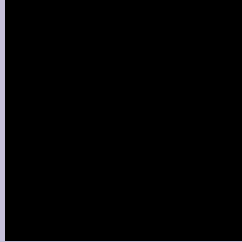
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.2780, 55.3440, 74.0987

Background



This preview shows how black text looks on a background with the XYZ color 55.2780, 55.3440, 74.0987.



This preview shows how white text looks on a background with the XYZ color 55.2780, 55.3440,

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

55.2780, 55.3440, 74.0987

Protanopia

54.2936, 55.4821, 74.8654

Deuteranopia

56.4625, 55.3027, 74.0283



Tritanopia

54.2133, 55.2425, 68.7783

Trichromacy



Original Color

55.2780, 55.3440, 74.0987

Protanomaly

54.5836, 55.3001, 74.8150

Deuteranomaly

56.1331, 55.4577, 74.0755

Tritanomaly

54.5907, 55.3934, 70.7656

Monochromacy



Original Color

55.2780, 55.3440, 74.0987

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

54.0481, 55.8934, 65.6975

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.2780, 55.3440, 74.0987 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(199, 193, 218)` looks like.

```
.text, #text, p{  
    color:rgb(199, 193, 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(199, 193, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 193, 218) }
```

Border

The CSS property to change the border of an element to XYZ 55.2780, 55.3440, 74.0987 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(199, 193, 218) }
```


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

```
.border{ border-color:rgb(199, 193, 218) }
```

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

Here you see how a box with a 4 pixel rgb(199, 193, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 193, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 193, 218);  
box-shadow:4px 4px 4px 4px rgb(199, 193,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 55.2780, 55.3440, 74.0987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 193, 218) }
```

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

```
.background{ background-color: rgb(199,  
193, 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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