

Converting Colors

XYZ(44.3152, 40.2055, 55.7555)

Have a look what the booklet for
XYZ(44.3152, 40.2055, 55.7555)
contains.

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Color

**XYZ(44.2719, 40.1159,
55.8618)**

Conversions

Conversions Part 1

Format	Color
Hex	C29FC1
RGB	194, 159, 193
RGB Percent	76%, 62%, 76%
CMY	0.2392, 0.3765, 0.2431
CMYK	0.00, 0.18, 0.01, 0.24
HSL	302°, 22%, 69%
HSV	302°, 18%, 76%
XYZ	44.2719, 40.1159, 55.8618
YIQ	173.3410, 9.9460, 17.9940

Conversions

Conversions Part 2

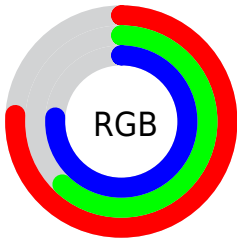
Format	Color
RYB	194, 159, 193
Decimal	12754881
CIELab	69.55, 18.83, -12.61
CIELCh	70, 22.656, 326.195
Yxy	40.1159, 0.3157, 0.2860
Android (android.graphics.Color)	4290944961 (0xFFC29FC1)
YUV	173.3410, 9.6919, 18.1179
Hunter-Lab	63.3371, 13.9295, -7.9564

Details

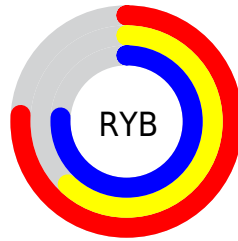
The XYZ color **44.2719, 40.1159, 55.8618** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.9366, 48.4937, 40.5153**, and the grayscale version is **39.8440, 41.9190, 45.6498**.

A 20% lighter version of the original color is **80.9291, 75.4419, 99.9189**, and **20.7331, 17.9549, 26.7990** is the 20% darker color. If you saturate the color by 10%, you get **41.1328, 33.9359, 54.5113**, and if you desaturate by 10%, it is **47.9372, 47.3467, 57.3898**.

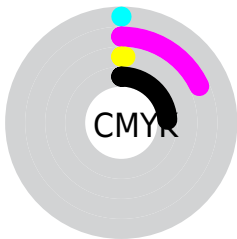
Distribution



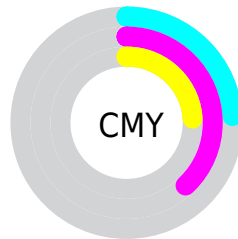
- Red (76%)
- Green (62%)
- Blue (76%)



- Red (76%)
- Yellow (62%)
- Blue (76%)



- Cyan (0%)
- Magenta (18%)
- Yellow (1%)
- Black (24%)



- Cyan (24%)
- Magenta (38%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2719, 40.1159, 55.8618 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 44.2719, 40.1159, 55.8618 by changing the saturation by 10% instead.

■ 44.2719, 40.1159,
55.8618

■ 44.2719, 40.1159,
55.8618

354.6502,
346.6118, 426.5441

■ 31.0832, 27.6289,
39.6889

■ 80.8705, 75.3400,
100.2863

■ 20.8143, 18.0461,
26.9841

■ 105.0112, 98.8458,
129.3749

■ 13.1000, 10.9831,
17.3290

133.5331,
126.7935, 163.6058

■ 7.5749, 6.0555,
10.3049

166.8017,
159.5673, 203.3976

■ 3.8737, 2.8788,
5.4933

205.1824,
197.5516, 249.1688

■ 1.6309, 1.0688,
2.4758

249.0404,

■ 0.4124, 0.0000,

241.1309, 301.3379

0.8273

298.7413,
290.6895, 360.3235

■ 0.0000, 0.0000,
0.0000

■ 44.2719, 40.1159,
55.8618

■ 44.2719, 40.1159,
55.8618

■ 41.1328, 33.9359,
54.5113

■ 47.9372, 47.3467,
57.3898

■ 38.4920, 28.7526,
53.3275

■ 52.1479, 55.6685,
59.1003

■ 36.3243, 24.5154,
52.3026

■ 56.9266, 65.1259,
61.0012

■ 34.6011, 21.1666,
51.4271

■ 62.2935, 75.7595,
63.0994

■ 33.2906, 18.6429,
50.6902

■ 67.9464, 86.9647,
65.2940

■ 32.3567, 16.8721,
50.0800

■ 68.0096, 86.9899,
65.6266

■ 31.7572, 15.7697,
49.5824

■ 68.0730, 87.0153,
65.9604

■ 31.4279, 15.2073,
49.1759

■ 68.1366, 87.0407,
66.2954

■ 31.3748, 15.1201,
49.1002

■ 68.2004, 87.0663,
66.6316

Harmonies

Analogous

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



41.3162, 40.1159, 64.3431



44.2719, 40.1159, 55.8618



45.5800, 40.1159, 45.0287

Triad

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



44.2719, 40.1159, 55.8618



38.5972, 40.1159, 26.5171



32.1641, 40.1159, 53.1802

Complementary

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



44.2719, 40.1159, 55.8618



39.9366, 48.4937, 40.5153

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.



31.5377, 40.1159, 42.3573



44.2719, 40.1159, 55.8618



35.1100, 40.1159, 27.9940

Square

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



44.2719, 40.1159, 55.8618



42.1742, 40.1159, 28.9986



32.5823, 40.1159, 33.4109



34.3510, 40.1159, 62.6293

Rectangle

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



44.2719, 40.1159, 55.8618



45.2840, 40.1159, 38.3027



32.5823, 40.1159, 33.4109



31.7703, 40.1159, 49.5370

Sweetspot

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



44.2731, 40.1176, 55.8627



89.0022, 90.0322, 104.8567



36.5516, 36.1241, 56.0858



19.3746, 19.4871, 22.9152



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.



44.2731, 40.1176, 55.8627



77.6450, 67.6280, 100.1145



42.4759, 39.3988, 46.3986



10.4845, 10.2424, 12.6417



20.6332, 9.9430, 32.3102



0.8955, 0.4312, 1.4170

Inverse Universe

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



44.2731, 40.1176, 55.8627



77.6450, 67.6280, 100.1145



41.5354, 49.1332, 48.9345



10.4845, 10.2424, 12.6417



20.6332, 9.9430, 32.3102



0.8955, 0.4312, 1.4170

Previews

White Background



This preview shows how the XYZ color 44.2719, 40.1159, 55.8618 looks on a white background.

Color Contrast Check

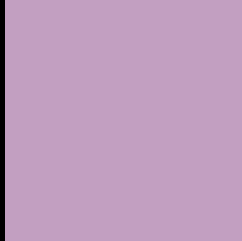
Large Text (above 18pt) WCAG AA × Fail

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 44.2719, 40.1159, 55.8618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

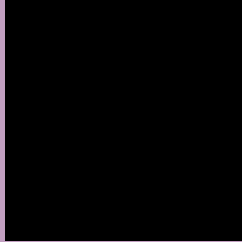
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2719, 40.1159, 55.8618

Background



This preview shows how black text looks on a background with the XYZ color 44.2719, 40.1159, 55.8618.



This preview shows how white text looks on a background with the XYZ color 44.2719, 40.1159,

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

44.2719, 40.1159, 55.8618

Protanopia

39.8066, 40.3920, 59.7312

Deuteranopia

41.0551, 40.3083, 55.4856



Tritanopia

42.1441, 40.0122, 46.0593

Trichromacy



Original Color

44.2719, 40.1159, 55.8618

Protanomaly

41.2124, 40.0554, 58.3827

Deuteranomaly

42.1401, 40.0674, 55.3819

Tritanomaly

42.9266, 40.0736, 49.7285

Monochromacy



Original Color

44.2719, 40.1159, 55.8618

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.2969, 41.1243, 48.9412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2719, 40.1159, 55.8618 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(194, 159, 193)` looks like.

```
.text, #text, p{  
    color:rgb(194, 159, 193)  
}
```

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(194, 159, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 159, 193) }
```

Border

The CSS property to change the border of an element to XYZ 44.2719, 40.1159, 55.8618 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(194, 159, 193) }
```


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

```
.border{ border-color:rgb(194, 159, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 159, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 159, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 159, 193);  
box-shadow:4px 4px 4px 4px rgb(194, 159,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2719, 40.1159, 55.8618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 159, 193) }
```

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

```
.background{ background-color: rgb(194,  
159, 193) }
```

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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