

Converting Colors

XYZ(43.8443, 40.0178, 55.6067)

Have a look what the booklet for
XYZ(43.8443, 40.0178, 55.6067)
contains.

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Color

**XYZ(43.7620, 39.8530,
55.8380)**

Conversions

Conversions Part 1

Format	Color
Hex	C09FC1
RGB	192, 159, 193
RGB Percent	75%, 62%, 76%
CMY	0.2471, 0.3765, 0.2431
CMYK	0.01, 0.18, 0.00, 0.24
HSL	298°, 22%, 69%
HSV	298°, 18%, 76%
XYZ	43.7620, 39.8530, 55.8380
YIQ	172.7430, 8.7540, 17.5700

Conversions

Conversions Part 2

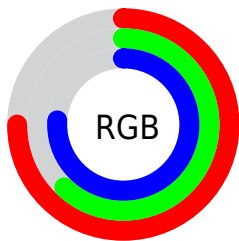
Format	Color
RYB	192, 159, 193
Decimal	12623809
CIELab	69.36, 18.14, -12.91
CIELCh	69, 22.262, 324.570
Yxy	39.8530, 0.3138, 0.2858
Android (android.graphics.Color)	4290813889 (0xFFC09FC1)
YUV	172.7430, 9.9867, 16.8884
Hunter-Lab	63.1292, 13.2624, -8.2517

Details

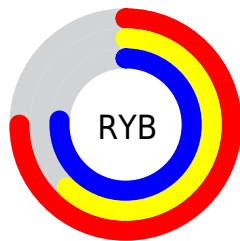
The XYZ color **43.7620, 39.8530, 55.8380** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **39.8266, 48.1178, 39.9915**, and the grayscale version is **39.5383, 41.5974, 45.2995**.

A 20% lighter version of the original color is **80.2124, 75.0724, 99.8853**, and **20.3991, 17.7827, 26.7834** is the 20% darker color. If you saturate the color by 10%, you get **40.5558, 33.6528, 54.8108**, and if you desaturate by 10%, it is **47.4894, 47.0933, 57.0397**.

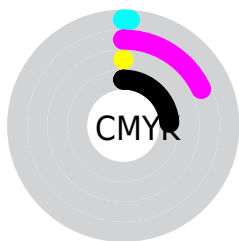
Distribution



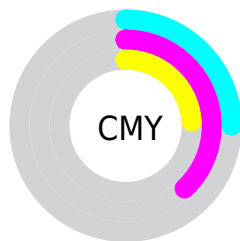
- Red (75%)
- Green (62%)
- Blue (76%)



- Red (75%)
- Yellow (62%)
- Blue (76%)



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





- Cyan (25%)
- Magenta (38%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.7620, 39.8530, 55.8380 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 43.7620, 39.8530, 55.8380 by changing the saturation by 10% instead.


 43.7620, 39.8530,
55.8380


 43.7620, 39.8530,
55.8380


352.6048,
345.5036, 426.4518

 30.6806, 27.4239,
39.6699


 80.1081, 74.9396,
100.2511

 20.5064, 17.8919,
26.9695

 104.1034, 98.3660,
129.3332

 12.8740, 10.8724,
17.3181


132.4674,
126.2269, 163.5571

 7.4183, 5.9811,
10.2972

165.5654,
158.9067, 203.3413

 3.7737, 2.8336,
5.4883

203.7628,
196.7900, 249.1043

 1.5749, 1.0455,
2.4728

247.4249,

 0.3760, 0.0000,

240.2609, 301.2647

0.8257

296.9171,
289.7040, 360.2410

■ 0.0000, 0.0000,
0.0000

■ 43.7620, 39.8530,
55.8380

■ 43.7620, 39.8530,
55.8380

■ 40.5558, 33.6528,
54.8108

■ 47.4894, 47.0933,
57.0397

■ 37.8431, 28.4397,
53.9476

■ 51.7567, 55.4134,
58.4207

■ 35.5994, 24.1635,
53.2404

■ 56.5863, 64.8571,
59.9890

■ 33.7963, 20.7679,
52.6800

■ 61.9982, 75.4646,
61.7512

■ 32.4027, 18.1903,
52.2560

■ 67.8499, 86.9510,
63.6599

■ 31.3832, 16.3601,
51.9564

■ 67.9967, 87.0267,
63.6667

■ 30.6964, 15.1945,
51.7677

■ 68.1441, 87.1026,
63.6736

■ 30.2821, 14.5732,
51.6696

■ 68.2920, 87.1789,
63.6805

■ 30.1989, 14.4561,
51.6514

■ 68.4404, 87.2554,
63.6875

Harmonies

Analogous

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



40.8104, 39.8530, 63.8770



43.7620, 39.8530, 55.8380



45.1441, 39.8530, 45.2832

Triad

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



43.7620, 39.8530, 55.8380



38.5334, 39.8530, 26.5945



31.9640, 39.8530, 52.1063

Complementary

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



43.7620, 39.8530, 55.8380



39.8266, 48.1178, 39.9915

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.



31.4386, 39.8530, 41.5564



43.7620, 39.8530, 55.8380



35.0916, 39.8530, 27.8360

Square

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



43.7620, 39.8530, 55.8380



42.0062, 39.8530, 29.2450



32.5485, 39.8530, 32.9501



34.0316, 39.8530, 61.4961

Rectangle

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



43.7620, 39.8530, 55.8380



44.9306, 39.8530, 38.6258



32.5485, 39.8530, 32.9501



31.6069, 39.8530, 48.5374

Sweetspot

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



43.7632, 39.8547, 55.8389



86.8982, 87.9368, 102.7538



36.5194, 36.4110, 55.5560



18.5307, 18.6474, 22.0079



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.7632, 39.8547, 55.8389



76.1396, 67.0415, 99.2876



42.3409, 39.3151, 47.0230



10.4671, 10.2319, 12.7081



20.0981, 9.6214, 34.3544



0.8777, 0.4205, 1.4848

Inverse Universe

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



40.7370, 38.6736, 38.5773



69.7552, 64.5514, 62.7943



41.0942, 48.6018, 47.7055



10.0849, 10.0826, 10.5378



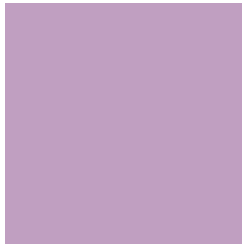
14.6534, 7.5511, 0.8209



0.6374, 0.3280, 0.0577

Previews

White Background



This preview shows how the XYZ color 43.7620, 39.8530, 55.8380 looks on a white background.

Color Contrast Check

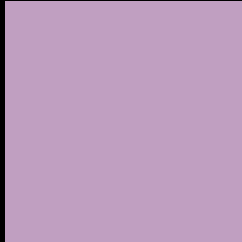
Large Text (above 18pt) WCAG AA × Fail

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 43.7620, 39.8530, 55.8380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

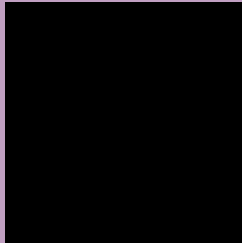
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.7620, 39.8530, 55.8380

Background



This preview shows how black text looks on a background with the XYZ color 43.7620, 39.8530, 55.8380.



This preview shows how white text looks on a background with the XYZ color 43.7620, 39.8530,

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

43.7620, 39.8530, 55.8380

Protanopia

39.6213, 40.0213, 59.6694

Deuteranopia

40.8741, 39.9461, 55.4253



Tritanopia

41.6445, 39.7546, 46.0359

Trichromacy



Original Color

43.7620, 39.8530, 55.8380

Protanomaly

40.9887, 39.9402, 58.3722

Deuteranomaly

41.9030, 39.9452, 55.3708

Tritanomaly

42.4236, 39.8143, 49.7049

Monochromacy



Original Color

43.7620, 39.8530, 55.8380

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

41.0632, 41.0038, 48.9303

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7620, 39.8530, 55.8380 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(192, 159, 193)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 159, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 159, 193) }
```

Border

The CSS property to change the border of an element to XYZ 43.7620, 39.8530, 55.8380 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(192, 159, 193) }
```


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

```
.border{ border-color:rgb(192, 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(192, 159, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 159, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 159, 193);  
box-shadow:4px 4px 4px 4px rgb(192, 159,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7620, 39.8530, 55.8380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 159, 193) }
```

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

```
.background{ background-color: rgb(192,  
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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