

Converting Colors

XYZ(40.4977, 33.8919, 55.4463)

Have a look what the booklet for
XYZ(40.4977, 33.8919, 55.4463)
contains.

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Color

**XYZ(40.4977, 33.8919,
55.4463)**

Conversions

Conversions Part 1

Format	Color
Hex	BE8DC2
RGB	190, 141, 194
RGB Percent	75%, 55%, 76%
CMY	0.2549, 0.4470, 0.2392
CMYK	0.02, 0.27, 0.00, 0.24
HSL	295°, 30%, 66%
HSV	295°, 27%, 76%
XYZ	40.4977, 33.8919, 55.4463
YIQ	161.6930, 12.1910, 26.8710

Conversions

Conversions Part 2

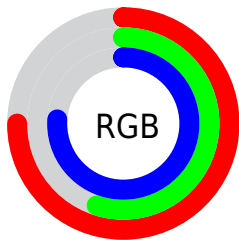
Format	Color
R_{YB}	190, 141, 194
Decimal	12488130
CIE _{Lab}	64.88, 27.64, -20.27
CIE _{LCh}	65, 34.271, 323.743
Yxy	33.8919, 0.3119, 0.2610
Android (android.graphics.Color)	4290678210 (0xFFBE8DC2)
YUV	161.6930, 15.9274, 24.8252
Hunter-Lab	58.2168, 22.2918, -15.7168

Details

The XYZ color **40.4977, 33.8919, 55.4463** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **35.7777, 46.5272, 32.2959**, and the grayscale version is **34.1239, 35.9010, 39.0962**.

A 20% lighter version of the original color is **75.2855, 65.7694, 99.9936**, and **18.5431, 14.4400, 26.6208** is the 20% darker color. If you saturate the color by 10%, you get **37.5204, 28.4768, 54.5585**, and if you desaturate by 10%, it is **43.9818, 40.3139, 56.5027**.

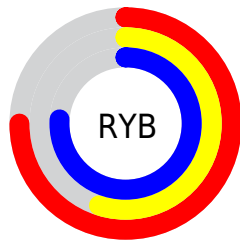
Distribution



Red (75%)

Green (55%)

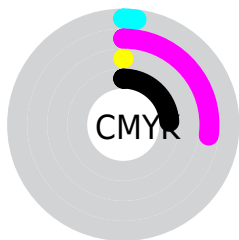
Blue (76%)



Red (75%)

Yellow (55%)

Blue (76%)

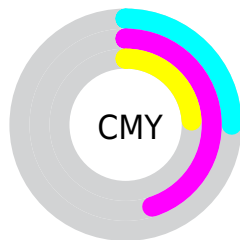


Cyan (2%)

Magenta (27%)

Yellow (0%)

Black (24%)



Cyan (25%)


Magenta (45%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 40.4977, 33.8919, 55.4463 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 40.4977, 33.8919, 55.4463 by changing the saturation by 10% instead.


 40.4977, 33.8919,
55.4463

 40.4977, 33.8919,
55.4463


339.3154,
319.6498, 424.9310

 28.1127, 22.8106,
39.3581


 75.2003, 65.7655,
99.6722

 18.5516, 14.4537,
26.7285


 98.2487, 87.3266,
128.6471

 11.4488, 8.4369,
17.1388


 125.5823,
113.1497, 162.7546

 6.4390, 4.3758,
10.1705

157.5664,
143.6193, 202.4134

 3.1570, 1.8859,
5.4051

194.5664,
179.1197, 248.0418

 1.2373, 0.5399,
2.4240

236.9477,

 0.1355, 0.0000,

220.0353, 300.0586

0.7995

285.0756,
266.7505, 358.8821

■ 0.0000, 0.0000,
0.0000

■ 40.4977, 33.8919,
55.4463

■ 40.4977, 33.8919,
55.4463

■ 37.5204, 28.4768,
54.5585

■ 43.9818, 40.3139,
56.5027

■ 35.0206, 24.0120,
53.8285

■ 47.9938, 47.7868,
57.7337

■ 32.9709, 20.4419,
53.2474

■ 52.5575, 56.3575,
59.1475

■ 31.3397, 17.7033,
52.8048

■ 57.6941, 66.0686,
60.7512

■ 30.0913, 15.7250,
52.4887

■ 63.4238, 76.9606,
62.5516

■ 29.1840, 14.4236,
52.2853

■ 68.9940, 87.5279,
64.2977

■ 28.5592, 13.6818,
52.1751

■ 69.3839, 87.7288,
64.3159

■ 28.4116, 13.5218,
52.1520

■ 69.7774, 87.9317,
64.3343

■ 70.1747, 88.1366,
64.3529

Harmonies

Analogous

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



36.1920, 33.8919, 67.8319



40.4977, 33.8919, 55.4463



42.6103, 33.8919, 39.9479

Triad

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



40.4977, 33.8919, 55.4463



33.2598, 33.8919, 15.9252



24.2759, 33.8919, 48.9779

Complementary

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



40.4977, 33.8919, 55.4463



35.7777, 46.5272, 32.2959

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.



23.6620, 33.8919, 34.0159



40.4977, 33.8919, 55.4463



28.5373, 33.8919, 17.1794

Square

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



40.4977, 33.8919, 55.4463



38.1649, 33.8919, 19.0228



25.1434, 33.8919, 23.0366



26.9149, 33.8919, 63.4789

Rectangle

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



40.4977, 33.8919, 55.4463



42.3512, 33.8919, 30.8084



25.1434, 33.8919, 23.0366



23.8378, 33.8919, 43.7515

Sweetspot

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



40.4988, 33.8934, 55.4470



86.3272, 85.4086, 104.4054



30.9127, 29.9377, 55.1887



18.6494, 18.2265, 22.7851



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.



40.4988, 33.8934, 55.4470



69.9197, 55.1078, 99.4215



39.2124, 33.4958, 43.3875



10.4199, 10.2076, 12.7059



18.7104, 8.9060, 34.2895



0.8312, 0.3965, 1.4826

Inverse Universe

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



36.8849, 32.5648, 31.1310



62.3024, 52.3202, 47.5935



36.8958, 46.8945, 41.7977



10.1034, 10.0899, 10.6348



14.6946, 7.5676, 1.0380



0.6457, 0.3313, 0.1018

Previews

White Background



This preview shows how the XYZ color 40.4977, 33.8919, 55.4463 looks on a white background.

Color Contrast Check

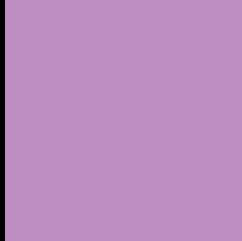
Large Text (above 18pt) WCAG AA × Fail

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 40.4977, 33.8919, 55.4463 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 40.4977, 33.8919, 55.4463

Background



This preview shows how black text looks on a background with the XYZ color 40.4977, 33.8919, 55.4463.



This preview shows how white text looks on a background with the XYZ color 40.4977, 33.8919,

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

40.4977, 33.8919, 55.4463

Protanopia

34.5850, 34.2045, 62.5369

Deuteranopia

34.6699, 33.9407, 54.0141



Tritanopia

36.8555, 33.9973, 37.4205

Trichromacy



Original Color

40.4977, 33.8919, 55.4463

Protanomaly

36.3072, 33.9273, 59.8934

Deuteranomaly

36.4103, 33.6255, 54.4405

Tritanomaly

38.0653, 33.7942, 43.5464

Monochromacy



Original Color

40.4977, 33.8919, 55.4463

Achromatopsia

34.3422, 36.1307, 39.3463

Achromatomaly

36.2088, 34.9379, 44.8797

CSS Examples

Text

The CSS property to change the color of the text to XYZ 40.4977, 33.8919, 55.4463 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(190, 141, 194)` looks like.

```
.text, #text, p{  
    color:rgb(190, 141, 194)  
}
```

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(190, 141, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 141, 194) }
```

Border

The CSS property to change the border of an element to XYZ 40.4977, 33.8919, 55.4463 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(190, 141, 194) }
```


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

```
.border{ border-color:rgb(190, 141, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 141, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 141, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 141, 194);  
box-shadow:4px 4px 4px 4px rgb(190, 141,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 40.4977, 33.8919, 55.4463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 141, 194) }
```

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

```
.background{ background-color: rgb(190,  
141, 194) }
```

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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