

Converting Colors

XYZ(44.1250, 41.4411, 55.2879)

Have a look what the booklet for
XYZ(44.1250, 41.4411, 55.2879)
contains.

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Color

**XYZ(44.0251, 41.3038,
55.5212)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA4C0
RGB	190, 164, 192
RGB Percent	75%, 64%, 75%
CMY	0.2549, 0.3568, 0.2471
CMYK	0.01, 0.15, 0.00, 0.25
HSL	296°, 18%, 70%
HSV	296°, 15%, 75%
XYZ	44.0251, 41.3038, 55.5212
YIQ	174.9660, 6.5080, 14.2200

Conversions

Conversions Part 2

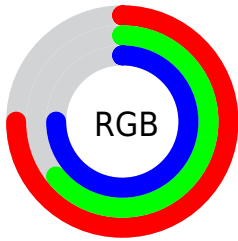
Format	Color
R _Y B	190, 164, 192
Decimal	12494016
CIE Lab	70.39, 14.50, -10.84
CIE LCh	70, 18.102, 323.225
Yxy	41.3038, 0.3126, 0.2932
Android (android.graphics.Color)	4290684096 (0xFFBEA4C0)
YUV	174.9660, 8.3978, 13.1848
Hunter-Lab	64.2680, 9.8076, -6.2331

Details

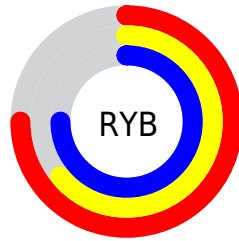
The XYZ color **44.0251, 41.3038, 55.5212** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **41.2777, 48.4876, 42.3074**, and the grayscale version is **40.6866, 42.8054, 46.6151**.

A 20% lighter version of the original color is **80.2808, 77.0332, 99.4446**, and **20.6077, 18.6867, 26.9468** is the 20% darker color. If you saturate the color by 10%, you get **40.5047, 34.7684, 54.4459**, and if you desaturate by 10%, it is **48.0699, 48.8819, 56.7713**.

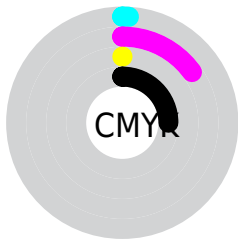
Distribution



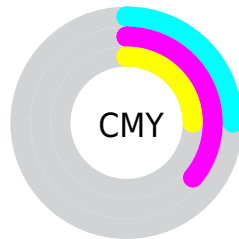
- Red (75%)
- Green (64%)
- Blue (75%)



- Red (75%)
- Yellow (64%)
- Blue (75%)



- Cyan (1%)
- Magenta (15%)
- Yellow (0%)
- Black (25%)





- Cyan (25%)
- Magenta (36%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 44.0251, 41.3038, 55.5212 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 44.0251, 41.3038, 55.5212 by changing the saturation by 10% instead.


 44.0251, 41.3038,
55.5212


 44.0251, 41.3038,
55.5212


353.6612,
351.5887, 425.2221

 30.8882, 28.5565,
39.4178


 80.5016, 77.1449,
99.7830

 20.6652, 18.7456,
26.7745


 104.5720,
101.0075, 128.7784

 12.9905, 11.4866,
17.1730


133.0176,
129.3439, 162.9082

 7.4990, 6.3951,
10.1947

166.2037,
162.5387, 202.5909

 3.8252, 3.0868,
5.4209

204.4958,
200.9762, 248.2451

 1.6037, 1.1772,
2.4333

248.2592,

 0.3948, 0.0430,

245.0408, 300.2894

0.8045

297.8592,
295.1168, 359.1422

■ 0.0000, 0.0000,
0.0000

■ 44.0251, 41.3038,
55.5212

■ 44.0251, 41.3038,
55.5212

■ 40.5047, 34.7684,
54.4459

■ 48.0699, 48.8819,
56.7713

■ 37.4818, 29.2239,
53.5350

■ 52.6572, 57.5408,
58.2009

■ 34.9327, 24.6224,
52.7812

■ 57.8086, 67.3231,
59.8176

■ 32.8304, 20.9095,
52.1753

■ 63.5436, 78.2678,
61.6279

■ 31.1449, 18.0256,
51.7075

■ 68.2633, 87.1769,
63.0987

■ 29.8427, 15.9036,
51.3666

■ 68.6237, 87.3627,
63.1156

■ 28.8851, 14.4661,
51.1396

■ 68.9873, 87.5502,
63.1326

■ 28.2251, 13.6191,
51.0109

■ 69.3543, 87.7394,
63.1498

■ 27.9409, 13.3049,
50.9652

■ 69.7245, 87.9303,
63.1671

Harmonies

Analogous

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



41.5595, 41.3038, 61.7873



44.0251, 41.3038, 55.5212



45.2225, 41.3038, 46.9350

Triad

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



44.0251, 41.3038, 55.5212



39.9373, 41.3038, 30.5758



34.2280, 41.3038, 51.7541

Complementary

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



44.0251, 41.3038, 55.5212



41.2777, 48.4876, 42.3074

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.



33.8425, 41.3038, 43.0661



44.0251, 41.3038, 55.5212



37.0432, 41.3038, 31.5244

Square

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



44.0251, 41.3038, 55.5212



42.7865, 41.3038, 33.0755



34.8481, 41.3038, 35.8530



35.9291, 41.3038, 59.4274

Rectangle

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



44.0251, 41.3038, 55.5212



45.0997, 41.3038, 41.3247



34.8481, 41.3038, 35.8530



33.9439, 41.3038, 48.8296

Sweetspot

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



44.0263, 41.3056, 55.5221



87.5048, 89.3335, 102.9914



38.5229, 39.0940, 55.3853



18.6451, 18.9251, 22.0555



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.



44.0263, 41.3056, 55.5221



77.9641, 71.4736, 100.0469



43.2872, 41.0680, 49.0050



10.4240, 10.2097, 12.7061



18.8288, 8.9670, 34.2950



0.8352, 0.3986, 1.4828

Inverse Universe

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



41.8980, 40.5123, 41.6896



73.4917, 69.8092, 70.8689



41.9644, 48.7142, 48.0941



10.1017, 10.0893, 10.6263



14.6907, 7.5660, 1.0173



0.6450, 0.3310, 0.0979

Previews

White Background



This preview shows how the XYZ color 44.0251, 41.3038, 55.5212 looks on a white background.

Color Contrast Check

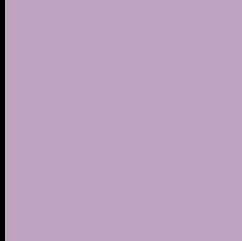
Large Text (above 18pt) WCAG AA × Fail

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 44.0251, 41.3038, 55.5212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

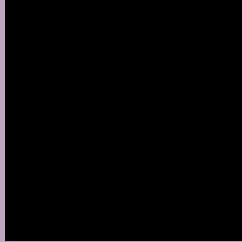
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.0251, 41.3038, 55.5212

Background



This preview shows how black text looks on a background with the XYZ color 44.0251, 41.3038, 55.5212.



This preview shows how white text looks on a background with the XYZ color 44.0251, 41.3038,

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

44.0251, 41.3038, 55.5212

Protanopia

40.6752, 41.4362, 58.0787

Deuteranopia

42.2290, 41.4702, 55.0690



Tritanopia

42.5119, 41.2185, 48.3632

Trichromacy



Original Color

44.0251, 41.3038, 55.5212

Protanomaly

41.7575, 41.1755, 57.3766

Deuteranomaly

42.9899, 41.5894, 55.0520

Tritanomaly

43.0931, 41.1898, 51.0266

Monochromacy



Original Color

44.0251, 41.3038, 55.5212

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.7258, 42.1653, 49.6556

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.0251, 41.3038, 55.5212 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, 164, 192)` looks like.

```
.text, #text, p{  
    color:rgb(190, 164, 192)  
}
```

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, 164, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 164, 192) }
```

Border

The CSS property to change the border of an element to XYZ 44.0251, 41.3038, 55.5212 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, 164, 192) }
```


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

```
.border{ border-color:rgb(190, 164, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 164, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 164, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 164, 192);  
box-shadow:4px 4px 4px 4px rgb(190, 164,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 44.0251, 41.3038, 55.5212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 164, 192) }
```

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

```
.background{ background-color: rgb(190,  
164, 192) }
```

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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