

Converting Colors

XYZ(44.1417, 41.5523, 59.1200)

Have a look what the booklet for
XYZ(44.1417, 41.5523, 59.1200)
contains.

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Color

**XYZ(44.1417, 41.5523,
59.1200)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA5C6
RGB	187, 165, 198
RGB Percent	73%, 65%, 78%
CMY	0.2667, 0.3529, 0.2235
CMYK	0.06, 0.17, 0.00, 0.22
HSL	280°, 22%, 71%
HSV	280°, 17%, 78%
XYZ	44.1417, 41.5523, 59.1200
YIQ	175.3400, 2.5190, 14.9270

Conversions

Conversions Part 2

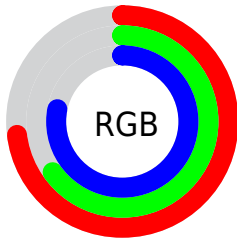
Format	Color
RYB	187, 165, 198
Decimal	12297670
CIELab	70.56, 14.10, -13.92
CIELCh	71, 19.810, 315.361
Yxy	41.5523, 0.3048, 0.2869
Android (android.graphics.Color)	4290487750 (0xFFBBA5C6)
YUV	175.3400, 11.1714, 10.2258
Hunter-Lab	64.4611, 9.4265, -9.2546

Details

The XYZ color **44.1417, 41.5523, 59.1200** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.8917, 52.3360, 43.3352**, and the grayscale version is **40.8677, 42.9960, 46.8227**.

A 20% lighter version of the original color is **80.6053, 77.4611, 105.3109**, and **20.7707, 18.8922, 28.9374** is the 20% darker color. If you saturate the color by 10%, you get **39.2657, 34.1420, 57.9473**, and if you desaturate by 10%, it is **49.6473, 50.1102, 60.4823**.

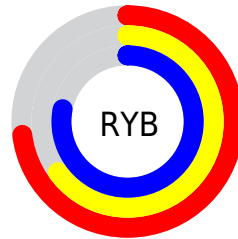
Distribution



Red (73%)

Green (65%)

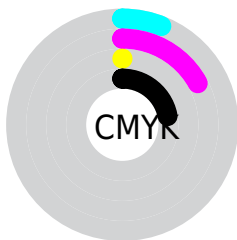
Blue (78%)



Red (73%)

Yellow (65%)

Blue (78%)

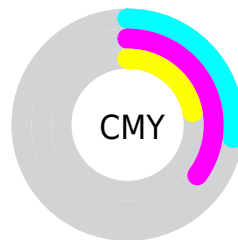


Cyan (6%)

Magenta (17%)

Yellow (0%)

Black (22%)



Cyan (27%)

Magenta (35%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.1417, 41.5523, 59.1200 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 44.1417, 41.5523, 59.1200 by changing the saturation by 10% instead.

■ 44.1417, 41.5523,
59.1200

■ 44.1417, 41.5523,
59.1200

354.1287,
352.6237, 439.0607

■ 30.9803, 28.7509,
42.2891

■ 80.6760, 77.5216,
105.0829

■ 20.7356, 18.8925,
29.0005

■ 104.7795,
101.4583, 135.0519

■ 13.0422, 11.5926,
18.8356

133.2612,
129.8755, 170.2374

■ 7.5348, 6.4669,
11.3759

166.4863,
163.1577, 211.0579

■ 3.8481, 3.1310,
6.2029

204.8203,
201.6892, 257.9320

■ 1.6165, 1.2005,
2.8981

248.6284,

■ 0.4032, 0.0621,

245.8544, 311.2781

1.0428

298.2761,
296.0378, 371.5148

■ 0.0000, 0.0000,
0.0000

■ 44.1417, 41.5523,
59.1200

■ 44.1417, 41.5523,
59.1200

■ 39.2657, 34.1420,
57.9473

■ 49.6473, 50.1102,
60.4823

■ 34.9892, 27.8228,
56.9530

■ 55.8035, 59.8582,
62.0394

■ 31.2851, 22.5412,
56.1287

■ 62.6348, 70.8434,
63.7997

■ 28.1227, 18.2371,
55.4646

■ 70.1632, 83.1085,
65.7703

■ 25.4679, 14.8441,
54.9496

■ 75.4695, 90.8135,
66.9778

■ 23.2824, 12.2872,
54.5713

■ 77.5070, 91.8639,
67.0732

■ 21.5218, 10.4791,
54.3151

■ 79.6243, 92.9554,
67.1723

■ 20.1279, 9.3052,
54.1620

■ 81.8223, 94.0885,
67.2752

■ 19.7083, 8.9825,
54.1218

■ 84.1017, 95.2635,
67.3818

Harmonies

Analogous

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



41.1842, 41.5523, 64.9350



44.1417, 41.5523, 59.1200



45.8989, 41.5523, 49.9512

Triad

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



44.1417, 41.5523, 59.1200



41.1056, 41.5523, 29.9546



33.7333, 41.5523, 50.1857

Complementary

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



44.1417, 41.5523, 59.1200



44.8917, 52.3360, 43.3352

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.



33.7149, 41.5523, 40.8411



44.1417, 41.5523, 59.1200



37.8511, 41.5523, 29.9992

Square

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



44.1417, 41.5523, 59.1200



44.0814, 41.5523, 33.5964



35.1850, 41.5523, 33.7282



35.2368, 41.5523, 59.3119

Rectangle

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



44.1417, 41.5523, 59.1200



46.0945, 41.5523, 43.5810



35.1850, 41.5523, 33.7282



33.5561, 41.5523, 46.9476

Sweetspot

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



44.1430, 41.5541, 59.1209



89.5701, 91.3360, 107.5165



41.3451, 43.3451, 59.6141



19.0120, 19.2985, 22.9729



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.



44.1430, 41.5541, 59.1209



74.9024, 68.5827, 103.8977



46.3763, 42.7703, 56.2935



10.7263, 10.6327, 13.4045



12.9105, 5.8898, 35.2008



0.6858, 0.3173, 1.6702

Inverse Universe

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



44.5818, 42.0525, 46.8436



75.8842, 69.6662, 77.8548



42.9636, 51.2890, 45.6427



10.7773, 10.6943, 11.8104



15.8206, 8.0778, 4.2653



0.7829, 0.3960, 0.3798

Previews

White Background



This preview shows how the XYZ color 44.1417, 41.5523, 59.1200 looks on a white background.

Color Contrast Check

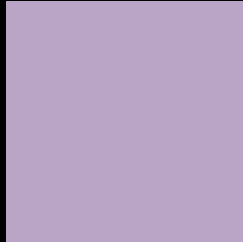
Large Text (above 18pt) WCAG AA × Fail

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 44.1417, 41.5523, 59.1200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

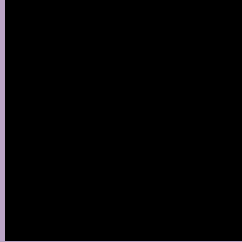
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.1417, 41.5523, 59.1200

Background



This preview shows how black text looks on a background with the XYZ color 44.1417, 41.5523, 59.1200.



This preview shows how white text looks on a background with the XYZ color 44.1417, 41.5523,

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

44.1417, 41.5523, 59.1200

Protanopia

41.1599, 41.6056, 61.7384

Deuteranopia

42.4408, 41.5015, 58.5970



Tritanopia

42.1103, 41.5318, 49.5131

Trichromacy



Original Color

44.1417, 41.5523, 59.1200

Protanomaly

42.1861, 41.5917, 61.0629

Deuteranomaly

42.9528, 41.4924, 58.5683

Tritanomaly

42.7959, 41.5396, 52.7761

Monochromacy



Original Color

44.1417, 41.5523, 59.1200

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.7006, 42.1284, 50.7335

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.1417, 41.5523, 59.1200 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(187, 165, 198)` looks like.

```
.text, #text, p{  
    color:rgb(187, 165, 198)  
}
```

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(187, 165, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 165, 198) }
```

Border

The CSS property to change the border of an element to XYZ 44.1417, 41.5523, 59.1200 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(187, 165, 198) }
```


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

```
.border{ border-color:rgb(187, 165, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 165, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 165, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 165, 198); box-shadow:4px 4px 4px 4px rgb(187, 165, 198) }
```

Background

The CSS property to change the background color of an element to XYZ 44.1417, 41.5523, 59.1200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 165, 198) }
```

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

```
.background{ background-color: rgb(187,  
165, 198) }
```

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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