

Converting Colors

XYZ(41.7423, 35.9863, 59.4580)

Have a look what the booklet for
XYZ(41.7423, 35.9863, 59.4580)
contains.

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Color

**XYZ(41.7543, 36.0413,
59.3996)**

Conversions

Conversions Part 1

Format	Color
Hex	BC94C8
RGB	188, 148, 200
RGB Percent	74%, 58%, 78%
CMY	0.2627, 0.4196, 0.2157
CMYK	0.06, 0.26, 0.00, 0.22
HSL	286°, 32%, 68%
HSV	286°, 26%, 78%
XYZ	41.7543, 36.0413, 59.3996
YIQ	165.8880, 7.1480, 24.6520

Conversions

Conversions Part 2

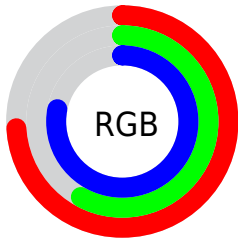
Format	Color
RYB	188, 148, 200
Decimal	12358856
CIELab	66.55, 24.27, -21.09
CIELCh	67, 32.152, 319.009
Yxy	36.0413, 0.3043, 0.2627
Android (android.graphics.Color)	4290548936 (0xFFBC94C8)
YUV	165.8880, 16.8172, 19.3922
Hunter-Lab	60.0344, 19.0876, -16.6390

Details

The XYZ color **41.7543, 36.0413, 59.3996** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.4980, 50.9212, 35.7130**, and the grayscale version is **36.1113, 37.9919, 41.3732**.

A 20% lighter version of the original color is **76.8267, 68.8735, 103.8525**, and **19.2945, 15.6930, 29.2063** is the 20% darker color. If you saturate the color by 10%, you get **37.7656, 29.7243, 58.3911**, and if you desaturate by 10%, it is **46.3237, 43.4642, 60.5921**.

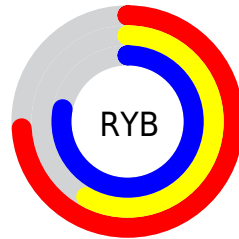
Distribution



Red (74%)

Green (58%)

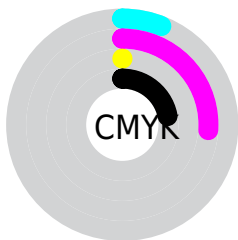
Blue (78%)



Red (74%)

Yellow (58%)

Blue (78%)

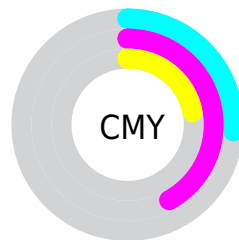


Cyan (6%)

Magenta (26%)

Yellow (0%)

Black (22%)



Cyan (26%)

Magenta (42%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 41.7543, 36.0413, 59.3996 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 41.7543, 36.0413, 59.3996 by changing the saturation by 10% instead.

■ 41.7543, 36.0413,
59.3996

■ 41.7543, 36.0413,
59.3996

344.4724,
329.1410, 440.1242

■ 29.0992, 24.4661,
42.5128

■ 77.0951, 69.0958,
105.4930

■ 19.3005, 15.6797,
29.1744

■ 100.5116, 91.3439,
135.5367

■ 11.9929, 9.2978,
18.9661

128.2459,
117.9184, 170.8031

■ 6.8110, 4.9359,
11.4692

160.6634,
149.2037, 211.7107

■ 3.3895, 2.2097,
6.2653

198.1294,
185.5843, 258.6781

■ 1.3629, 0.7253,
2.9356

241.0094,

■ 0.2296, 0.0000,

227.4444, 312.1237

1.0619

289.6686,
275.1685, 372.4663

■ 0.0000, 0.0000,
0.0000

■ 41.7543, 36.0413,
59.3996

■ 41.7543, 36.0413,
59.3996

■ 37.7656, 29.7243,
58.3911

■ 46.3237, 43.4642,
60.5921

■ 34.3259, 24.4525,
57.5548

■ 51.4965, 52.0402,
61.9748

■ 31.4057, 20.1668,
56.8815

■ 57.2984, 61.8194,
63.5566

■ 28.9711, 16.7997,
56.3599

■ 63.7525, 72.8477,
65.3451

■ 26.9839, 14.2756,
55.9774

■ 70.8808, 85.1683,
67.3475

■ 25.3999, 12.5063,
55.7194

■ 74.4140, 90.2426,
68.1407

■ 24.1634, 11.3813,
55.5674

■ 75.7944, 90.9542,
68.2053

■ 23.7228, 11.0252,
55.5219

■ 77.2134, 91.6857,
68.2717

■ 78.6712, 92.4372,
68.3399

Harmonies

Analogous

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



37.3707, 36.0413, 70.1395



41.7543, 36.0413, 59.3996



44.2043, 36.0413, 44.5346

Triad

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



41.7543, 36.0413, 59.3996



36.0572, 36.0413, 18.4975



26.2053, 36.0413, 48.5581

Complementary

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



41.7543, 36.0413, 59.3996



40.4980, 50.9212, 35.7130

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.



25.9252, 36.0413, 34.3878



41.7543, 36.0413, 59.3996



31.3197, 36.0413, 19.0866

Square

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



41.7543, 36.0413, 59.3996



40.7154, 36.0413, 22.3973



27.7142, 36.0413, 24.2557



28.5190, 36.0413, 62.9340

Rectangle

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



41.7543, 36.0413, 59.3996



44.2705, 36.0413, 35.2240



27.7142, 36.0413, 24.2557



25.8789, 36.0413, 43.5564

Sweetspot

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



41.7554, 36.0428, 59.4004



87.1731, 86.7859, 106.7646



35.2334, 35.6555, 59.6694



18.3587, 18.0767, 22.7715



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.



41.7554, 36.0428, 59.4004



68.4097, 56.2139, 101.8525



43.2875, 37.0115, 51.3922



10.8346, 10.6885, 13.4095



15.1651, 7.0521, 35.3063



0.7782, 0.3649, 1.6746

Inverse Universe

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



40.7557, 35.9988, 38.0596



66.5148, 56.1948, 58.4932



39.3780, 50.2093, 41.7377



10.7325, 10.6764, 11.5745



15.4897, 7.9454, 2.5224



0.7623, 0.3877, 0.2712

Previews

White Background



This preview shows how the XYZ color 41.7543, 36.0413, 59.3996 looks on a white background.

Color Contrast Check

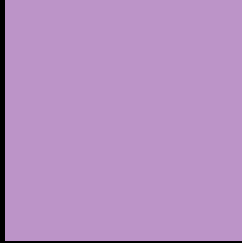
Large Text (above 18pt) WCAG AA × Fail

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 41.7543, 36.0413, 59.3996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

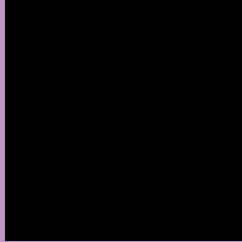
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 41.7543, 36.0413, 59.3996

Background



This preview shows how black text looks on a background with the XYZ color 41.7543, 36.0413, 59.3996.



This preview shows how white text looks on a background with the XYZ color 41.7543, 36.0413,

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

41.7543, 36.0413, 59.3996

Protanopia

36.4739, 36.1346, 65.3739

Deuteranopia

37.0884, 36.3471, 58.4870



Tritanopia

37.9670, 35.9317, 41.0108

Trichromacy



Original Color

41.7543, 36.0413, 59.3996

Protanomaly

38.1333, 36.0197, 63.3352

Deuteranomaly

38.6077, 36.1123, 58.9683

Tritanomaly

39.2717, 35.9851, 46.9955

Monochromacy



Original Color

41.7543, 36.0413, 59.3996

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

37.8896, 37.0093, 47.2660

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.7543, 36.0413, 59.3996 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(188, 148, 200)` looks like.

```
.text, #text, p{  
    color:rgb(188, 148, 200)  
}
```

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(188, 148, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 148, 200) }
```

Border

The CSS property to change the border of an element to XYZ 41.7543, 36.0413, 59.3996 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(188, 148, 200) }
```


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

```
.border{ border-color:rgb(188, 148, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 148, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 148, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 148, 200);  
box-shadow:4px 4px 4px 4px rgb(188, 148,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 41.7543, 36.0413, 59.3996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 148, 200) }
```

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

```
.background{ background-color: rgb(188,  
148, 200) }
```

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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