

Converting Colors

XYZ(41.5912, 37.3596, 50.3375)

Have a look what the booklet for
XYZ(41.5912, 37.3596, 50.3375)
contains.

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Color

**XYZ(41.5288, 37.3195,
50.3620)**

Conversions

Conversions Part 1

Format	Color
Hex	BF99B8
RGB	191, 153, 184
RGB Percent	75%, 60%, 72%
CMY	0.2510, 0.4000, 0.2784
CMYK	0.00, 0.20, 0.04, 0.25
HSL	311°, 23%, 67%
HSV	311°, 20%, 75%
XYZ	41.5288, 37.3195, 50.3620
YIQ	167.8960, 12.6970, 17.6970

Conversions

Conversions Part 2

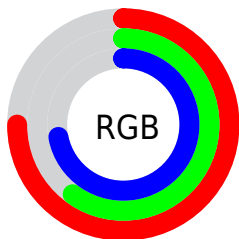
Format	Color
RYB	191, 153, 184
Decimal	12556728
CIELab	67.52, 19.43, -10.68
CIELCh	68, 22.167, 331.202
Yxy	37.3195, 0.3214, 0.2888
Android (android.graphics.Color)	4290746808 (0xFFBF99B8)
YUV	167.8960, 7.9393, 20.2622
Hunter-Lab	61.0897, 14.4374, -6.1156

Details

The XYZ color **41.5288, 37.3195, 50.3620** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **38.1143, 46.5730, 40.2404**, and the grayscale version is **37.1273, 39.0608, 42.5372**.

A 20% lighter version of the original color is **76.9955, 71.3595, 92.1537**, and **19.1646, 16.4598, 23.6397** is the 20% darker color. If you saturate the color by 10%, you get **38.2854, 31.4152, 47.4839**, and if you desaturate by 10%, it is **45.2839, 44.2315, 53.4568**.

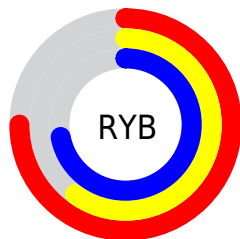
Distribution



Red (75%)

Green (60%)

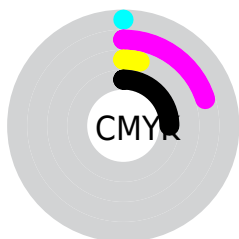
Blue (72%)



Red (75%)

Yellow (60%)

Blue (72%)

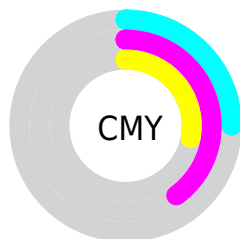


Cyan (0%)

Magenta (20%)

Yellow (4%)

Black (25%)



Cyan (25%)


Magenta (40%)

Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 41.5288, 37.3195, 50.3620 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 41.5288, 37.3195, 50.3620 by changing the saturation by 10% instead.


 41.5288, 37.3195,
50.3620

 41.5288, 37.3195,
50.3620


343.5509,
334.6917, 404.8555

 28.9220, 25.4550,
35.3279


 76.7556, 71.0639,
92.1128

 19.1658, 16.4163,
23.6300

 100.1064, 93.7126,
119.6666

 11.8949, 9.8192,
14.8497


127.7691,
120.7247, 152.2308

 6.7438, 5.2793,
8.5685

160.1093,
152.4848, 190.2238

 3.3473, 2.4120,
4.3679

197.4922,
189.3771, 234.0643

 1.3400, 0.8321,
1.8293

240.2832,

 0.2128, 0.0000,

231.7861, 284.1707

0.4472

288.8476,
280.0962, 340.9615

■ 0.0000, 0.0000,
0.0000

■ 41.5288, 37.3195,
50.3620

■ 41.5288, 37.3195,
50.3620

■ 38.2854, 31.4152,
47.4839

■ 45.2839, 44.2315,
53.4568

■ 35.5267, 26.4662,
44.8119

■ 49.5698, 52.1907,
56.7737

■ 33.2280, 22.4227,
42.3379

■ 54.4084, 61.2404,
60.3207

■ 31.3611, 19.2285,
40.0520

■ 59.8194, 71.4201,
64.1048

■ 29.8946, 16.8210,
37.9437

■ 65.8217, 82.7673,
68.1325

■ 28.7931, 15.1290,
36.0006

■ 68.2793, 87.0098,
71.0254

■ 28.0143, 14.0686,
34.2083

■ 68.7093, 87.1818,
73.2897

■ 27.4765, 13.4762,
32.5393

■ 69.1489, 87.3576,
75.6045

■ 27.4711, 13.4705,
32.5219

■ 69.5981, 87.5373,
77.9704

Harmonies

Analogous

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



38.9752, 37.3195, 58.8930



41.5288, 37.3195, 50.3620



42.4340, 37.3195, 40.2423

Triad

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



41.5288, 37.3195, 50.3620



35.3338, 37.3195, 24.6118



30.1562, 37.3195, 51.1526

Complementary

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



41.5288, 37.3195, 50.3620



38.1143, 46.5730, 40.2404

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.



29.3148, 37.3195, 41.0294



41.5288, 37.3195, 50.3620



32.1836, 37.3195, 26.6035

Square

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



41.5288, 37.3195, 50.3620



38.7223, 37.3195, 26.3079



30.0331, 37.3195, 32.2481



32.4071, 37.3195, 59.3984

Rectangle

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



41.5288, 37.3195, 50.3620



41.9377, 37.3195, 34.2185



30.0331, 37.3195, 32.2481



29.7059, 37.3195, 47.8064

Sweetspot

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



41.5299, 37.3211, 50.3628



83.9043, 84.4072, 97.9491



35.2873, 34.0161, 53.9967



18.3154, 18.3325, 21.4234



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.



41.5299, 37.3211, 50.3628



71.6620, 61.8785, 87.8390



39.6729, 36.5784, 40.5841



9.8525, 9.6653, 11.6123



18.0809, 8.8635, 21.5175



0.7282, 0.3552, 0.9478

Inverse Universe

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



41.5299, 37.3211, 50.3628



71.6620, 61.8785, 87.8390



39.9023, 47.2882, 49.6557



9.8525, 9.6653, 11.6123



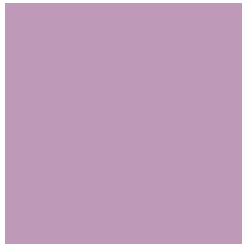
18.0809, 8.8635, 21.5175



0.7282, 0.3552, 0.9478

Previews

White Background



This preview shows how the XYZ color 41.5288, 37.3195, 50.3620 looks on a white background.

Color Contrast Check

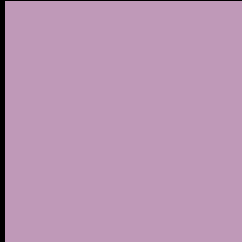
Large Text (above 18pt) WCAG AA × Fail

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 41.5288, 37.3195, 50.3620 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 41.5288, 37.3195, 50.3620

Background



This preview shows how black text looks on a background with the XYZ color 41.5288, 37.3195, 50.3620.



This preview shows how white text looks on a background with the XYZ color 41.5288, 37.3195,

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

41.5288, 37.3195, 50.3620

Protanopia

36.9984, 37.4296, 54.5648

Deuteranopia

38.1313, 37.3312, 49.9956



Tritanopia

39.9426, 37.4229, 42.1639

Trichromacy



Original Color

41.5288, 37.3195, 50.3620

Protanomaly

38.2698, 37.0850, 52.7180

Deuteranomaly

39.1946, 37.1165, 49.8982

Tritanomaly

40.5965, 37.4458, 45.1325

Monochromacy



Original Color

41.5288, 37.3195, 50.3620

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

38.6417, 38.4805, 45.4352

CSS Examples

Text

The CSS property to change the color of the text to XYZ 41.5288, 37.3195, 50.3620 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(191, 153, 184)` looks like.

```
.text, #text, p{  
    color:rgb(191, 153, 184)  
}
```

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(191, 153, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 153, 184) }
```

Border

The CSS property to change the border of an element to XYZ 41.5288, 37.3195, 50.3620 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(191, 153, 184) }
```


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

```
.border{ border-color:rgb(191, 153, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 153, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 153, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 153, 184);  
box-shadow:4px 4px 4px 4px rgb(191, 153,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 41.5288, 37.3195, 50.3620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 153, 184) }
```

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

```
.background{ background-color: rgb(191,  
153, 184) }
```

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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