

Converting Colors

XYZ(42.5859, 39.4486, 54.4133)

Have a look what the booklet for
XYZ(42.5859, 39.4486, 54.4133)
contains.

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Color

**XYZ(42.7138, 39.5946,
54.6815)**

Conversions

Conversions Part 1

Format	Color
Hex	BCA0BF
RGB	188, 160, 191
RGB Percent	74%, 63%, 75%
CMY	0.2627, 0.3725, 0.2510
CMYK	0.02, 0.16, 0.00, 0.25
HSL	294°, 19%, 69%
HSV	294°, 16%, 75%
XYZ	42.7138, 39.5946, 54.6815
YIQ	171.9060, 6.7370, 15.5770

Conversions

Conversions Part 2

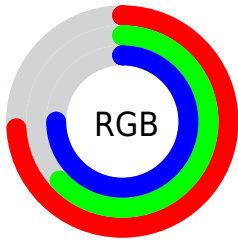
Format	Color
R_{YB}	188, 160, 191
Decimal	12361919
CIE _{Lab}	69.18, 15.83, -12.11
CIE _{LCh}	69, 19.931, 322.579
Yxy	39.5946, 0.3118, 0.2890
Android (android.graphics.Color)	4290551999 (0xFFBCA0BF)
YUV	171.9060, 9.4133, 14.1144
Hunter-Lab	62.9242, 11.0507, -7.4764

Details

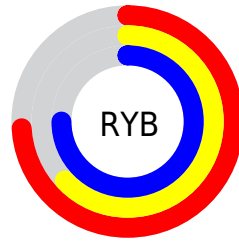
The XYZ color **42.7138, 39.5946, 54.6815** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.0817, 47.5873, 40.3325**, and the grayscale version is **39.1177, 41.1549, 44.8176**.

A 20% lighter version of the original color is **78.3972, 74.5494, 98.2532**, and **19.9417, 17.7110, 26.4123** is the 20% darker color. If you saturate the color by 10%, you get **39.2017, 33.2414, 53.6409**, and if you desaturate by 10%, it is **46.7428, 46.9716, 55.8936**.

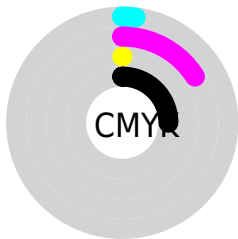
Distribution



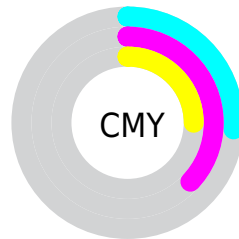
- Red (74%)
- Green (63%)
- Blue (75%)



- Red (74%)
- Yellow (63%)
- Blue (75%)



- Cyan (2%)
- Magenta (16%)
- Yellow (0%)
- Black (25%)



- Cyan (26%)
- Magenta (37%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.7138, 39.5946, 54.6815 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 42.7138, 39.5946, 54.6815 by changing the saturation by 10% instead.

■ 42.7138, 39.5946,
54.6815

■ 42.7138, 39.5946,
54.6815

348.3749,
344.4119, 421.9513

■ 29.8542, 27.2226,
38.7499

■ 78.5372, 74.5458,
98.5406

■ 19.8754, 17.7405,
26.2589

■ 102.2317, 97.8938,
127.3052

■ 12.4123, 10.7638,
16.7899

130.2685,
125.6692, 161.1845

■ 7.0993, 5.9083,
9.9244

163.0130,
158.2565, 200.5972

■ 3.5712, 2.7894,
5.2439

200.8305,
196.0400, 245.9616

■ 1.4625, 1.0228,
2.3299

244.0865,

■ 0.3001, 0.0000,

239.4041, 297.6964

0.7479

293.1462,
288.7333, 356.2202

■ 0.0000, 0.0000,
0.0000

■ 42.7138, 39.5946,
54.6815

■ 42.7138, 39.5946,
54.6815

■ 39.2017, 33.2414,
53.6409

■ 46.7428, 46.9716,
55.8936

■ 36.1797, 27.8606,
52.7616

■ 51.3069, 55.4106,
57.2820

■ 33.6241, 23.4040,
52.0361

■ 56.4276, 64.9541,
58.8542

■ 31.5078, 19.8173,
51.4553

■ 62.1242, 75.6408,
60.6167

■ 29.8006, 17.0405,
51.0093

■ 68.2540, 87.1849,
62.5218

■ 28.4689, 15.0059,
50.6868

■ 68.7418, 87.4364,
62.5447

■ 27.4732, 13.6350,
50.4746

■ 69.2356, 87.6910,
62.5678

■ 26.7629, 12.8265,
50.3560

■ 69.7354, 87.9486,
62.5912

■ 26.5307, 12.5907,
50.3228

■ 70.2412, 88.2094,
62.6148

Harmonies

Analogous

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



40.0361, 39.5946, 61.4345



42.7138, 39.5946, 54.6815



44.0440, 39.5946, 45.4187

Triad

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



42.7138, 39.5946, 54.6815



38.4306, 39.5946, 27.9437



32.2534, 39.5946, 50.2085

Complementary

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



42.7138, 39.5946, 54.6815



40.0817, 47.5873, 40.3325

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.



31.8773, 39.5946, 40.8843



42.7138, 39.5946, 54.6815



35.3290, 39.5946, 28.8509

Square

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



42.7138, 39.5946, 54.6815



41.4819, 39.5946, 30.6203



32.9729, 39.5946, 33.3013



34.0307, 39.5946, 58.6083

Rectangle

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



42.7138, 39.5946, 54.6815



43.9377, 39.5946, 39.4009



32.9729, 39.5946, 33.3013



31.9631, 39.5946, 47.0486

Sweetspot

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



42.7150, 39.5963, 54.6824



84.6056, 85.7642, 100.3741



37.0179, 37.4671, 54.5716



18.4573, 18.6096, 22.0045



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.



42.7150, 39.5963, 54.6824



74.4725, 67.2289, 97.3305



42.1542, 39.4583, 47.8318



9.8365, 9.6481, 12.0160



17.4730, 8.2938, 33.0728



0.7111, 0.3386, 1.2967

Inverse Universe

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



40.6690, 38.8642, 40.0105



70.2252, 65.7134, 66.6782



40.6143, 47.7302, 46.3053



9.5667, 9.5510, 10.1071



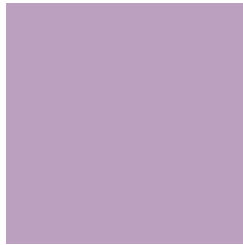
14.2086, 7.3146, 1.1263



0.5693, 0.2916, 0.1113

Previews

White Background



This preview shows how the XYZ color 42.7138, 39.5946, 54.6815 looks on a white background.

Color Contrast Check

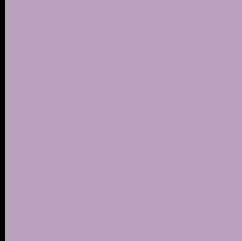
Large Text (above 18pt) WCAG AA × Fail

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 42.7138, 39.5946, 54.6815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

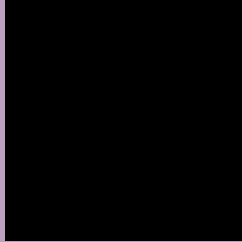
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.7138, 39.5946, 54.6815

Background



This preview shows how black text looks on a background with the XYZ color 42.7138, 39.5946, 54.6815.



This preview shows how white text looks on a background with the XYZ color 42.7138, 39.5946,

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

42.7138, 39.5946, 54.6815

Protanopia

39.2763, 39.8833, 57.8527

Deuteranopia

40.6539, 39.8581, 54.2659



Tritanopia

41.0848, 39.7286, 46.0604

Trichromacy



Original Color

42.7138, 39.5946, 54.6815

Protanomaly

40.4263, 39.6895, 56.5691

Deuteranomaly

41.2138, 39.6154, 54.1895

Tritanomaly

41.7543, 39.7417, 49.1863

Monochromacy



Original Color

42.7138, 39.5946, 54.6815

Achromatopsia

39.2122, 41.2543, 44.9259

Achromatomaly

40.4994, 40.7249, 48.3740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.7138, 39.5946, 54.6815 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, 160, 191)` looks like.

```
.text, #text, p{  
    color:rgb(188, 160, 191)  
}
```

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, 160, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 160, 191) }
```

Border

The CSS property to change the border of an element to XYZ 42.7138, 39.5946, 54.6815 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, 160, 191) }
```


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

```
.border{ border-color:rgb(188, 160, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 160, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 160, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 160, 191);  
box-shadow:4px 4px 4px 4px rgb(188, 160,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 42.7138, 39.5946, 54.6815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 160, 191) }
```

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

```
.background{ background-color: rgb(188,  
160, 191) }
```

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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