

Converting Colors

XYZ(42.7754, 43.5266, 53.7242)

Have a look what the booklet for
XYZ(42.7754, 43.5266, 53.7242)
contains.

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Color

**XYZ(42.8036, 43.4866,
53.7147)**

Conversions

Conversions Part 1

Format	Color
Hex	B3AEBC
RGB	179, 174, 188
RGB Percent	70%, 68%, 74%
CMY	0.2980, 0.3176, 0.2627
CMYK	0.05, 0.07, 0.00, 0.26
HSL	261°, 9%, 71%
HSV	261°, 7%, 74%
XYZ	42.8036, 43.4866, 53.7147
YIQ	177.0910, -1.5140, 5.4140

Conversions

Conversions Part 2

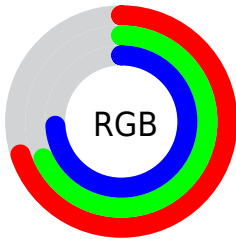
Format	Color
R_{YB}	179, 174, 188
Decimal	11775676
CIE _{Lab}	71.88, 4.44, -6.51
CIE _{LCh}	72, 7.878, 304.317
Yxy	43.4866, 0.3057, 0.3106
Android (android.graphics.Color)	4289965756 (0xFFB3AEBC)
YUV	177.0910, 5.3781, 1.6742
Hunter-Lab	65.9444, 0.4593, -2.1334

Details

The XYZ color **42.8036, 43.4866, 53.7147** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.1531, 49.0908, 47.1421**, and the grayscale version is **41.8120, 43.9895, 47.9045**.

A 20% lighter version of the original color is **78.6094, 80.2324, 96.9312**, and **19.9369, 20.1040, 25.7513** is the 20% darker color. If you saturate the color by 10%, you get **36.7508, 35.3477, 52.4634**, and if you desaturate by 10%, it is **49.6122, 52.7722, 55.1488**.

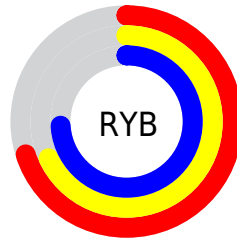
Distribution



Red (70%)

Green (68%)

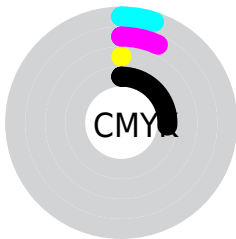
Blue (74%)



Red (70%)

Yellow (68%)

Blue (74%)

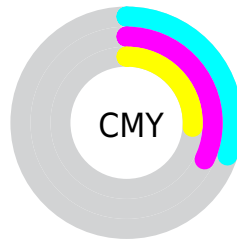


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (26%)



Cyan (30%)

Magenta (32%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.8036, 43.4866, 53.7147 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 42.8036, 43.4866, 53.7147 by changing the saturation by 10% instead.

■ 42.8036, 43.4866,
53.7147

■ 42.8036, 43.4866,
53.7147

348.7387,
360.6091, 418.1650

■ 29.9249, 30.2671,
37.9820

■ 78.6720, 80.4446,
97.1074

■ 19.9294, 20.0414,
25.6670

102.3923,
104.9520, 125.6045

■ 12.4517, 12.4251,
16.3512

130.4573,
133.9907, 159.1934

■ 7.1265, 7.0339,
9.6159

163.2322,
167.9452, 198.2927

■ 3.5883, 3.4833,
5.0428

201.0825,
207.1999, 243.3210

■ 1.4720, 1.3890,
2.2132

244.3734,

■ 0.3067, 0.2086,

252.1392, 294.6968

0.6820

293.4704,
303.1475, 352.8386

■ 0.0000, 0.0000,
0.0000

■ 42.8036, 43.4866,
53.7147

■ 42.8036, 43.4866,
53.7147

■ 36.7508, 35.3477,
52.4634

■ 49.6122, 52.7722,
55.1488

■ 31.4228, 28.3046,
51.3848

■ 57.1986, 63.2415,
56.7697

■ 26.7918, 22.3110,
50.4720

■ 65.5886, 74.9369,
58.5850

■ 22.8268, 17.3150,
49.7166

■ 74.8056, 87.8968,
60.6007

■ 19.4943, 13.2599,
49.1096

■ 80.5821, 93.5780,
61.3928

■ 16.7576, 10.0836,
48.6407

■ 84.8106, 95.7579,
61.5907

■ 14.5758, 7.7159,
48.2987

■ 86.0772, 96.4109,
61.6500

■ 12.9018, 6.0754,
48.0703

■ 11.6707, 5.0453,
47.9363

Harmonies

Analogous

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



41.5271, 43.4866, 55.1020



42.8036, 43.4866, 53.7147



43.7004, 43.4866, 50.6228

Triad

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



42.8036, 43.4866, 53.7147



42.4604, 43.4866, 41.0010



38.8143, 43.4866, 47.9076

Complementary

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



42.8036, 43.4866, 53.7147



45.1531, 49.0908, 47.1421

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.



39.0521, 43.4866, 44.2205



42.8036, 43.4866, 53.7147



41.1389, 43.4866, 40.3606

Square

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



42.8036, 43.4866, 53.7147



43.4993, 43.4866, 43.3068



39.8959, 43.4866, 41.5082



39.2393, 43.4866, 51.6363

Rectangle

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



42.8036, 43.4866, 53.7147



43.9522, 43.4866, 48.0845



39.8959, 43.4866, 41.5082



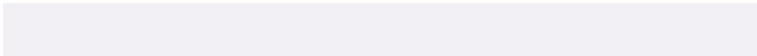
38.8195, 43.4866, 46.6220

Sweetspot

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



42.8049, 43.4885, 53.7157



84.0814, 87.6598, 98.7147



43.4882, 46.5391, 54.2685



18.1092, 18.8889, 21.2340



90.7827, 95.5105, 104.0109



18.6292, 19.5994, 21.3438

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.8049, 43.4885, 53.7157



75.6139, 76.1600, 96.9413



44.4398, 44.3313, 53.7922



9.3294, 9.3867, 11.9923



7.8364, 3.3259, 32.6218



0.3791, 0.1675, 1.2812

Inverse Universe

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



44.4237, 44.3842, 51.0272



79.1885, 78.1385, 90.9782



43.5518, 48.2653, 47.0671



9.7814, 9.6369, 11.2378



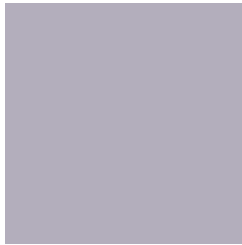
16.5011, 8.2316, 13.1984



0.6765, 0.3345, 0.6756

Previews

White Background



This preview shows how the XYZ color 42.8036, 43.4866, 53.7147 looks on a white background.

Color Contrast Check

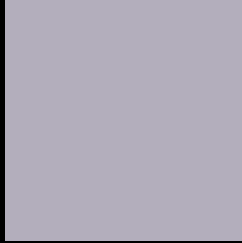
Large Text (above 18pt) WCAG AA × Fail

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 42.8036, 43.4866, 53.7147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

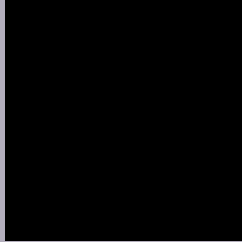
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 42.8036, 43.4866, 53.7147

Background



This preview shows how black text looks on a background with the XYZ color 42.8036, 43.4866, 53.7147.

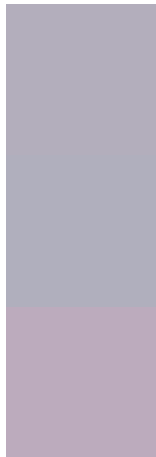


This preview shows how white text looks on a background with the XYZ color 42.8036, 43.4866,

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

42.8036, 43.4866, 53.7147

Protanopia

42.4198, 43.5642, 54.3171

Deuteranopia

44.4873, 43.4913, 54.1940



Tritanopia

42.8036, 43.4866, 53.7147

Trichromacy



Original Color

42.8036, 43.4866, 53.7147

Protanomaly

42.6467, 43.6812, 54.3277

Deuteranomaly

43.9454, 43.4935, 54.2230

Tritanomaly

42.8036, 43.4866, 53.7147

Monochromacy



Original Color

42.8036, 43.4866, 53.7147

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

42.2259, 43.8518, 49.9548

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.8036, 43.4866, 53.7147 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(179, 174, 188)` looks like.

```
.text, #text, p{  
    color:rgb(179, 174, 188)  
}
```

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(179, 174, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 174, 188) }
```

Border

The CSS property to change the border of an element to XYZ 42.8036, 43.4866, 53.7147 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(179, 174, 188) }
```


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

```
.border{ border-color:rgb(179, 174, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 174, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 174, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 174, 188);  
box-shadow:4px 4px 4px 4px rgb(179, 174,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 42.8036, 43.4866, 53.7147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 174, 188) }
```

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

```
.background{ background-color: rgb(179,  
174, 188) }
```

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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