

Converting Colors

XYZ(42.2363, 43.0560, 53.6203)

Have a look what the booklet for
XYZ(42.2363, 43.0560, 53.6203)
contains.

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Color

**XYZ(42.3446, 43.2501,
53.6932)**

Conversions

Conversions Part 1

Format	Color
Hex	B1AEBC
RGB	177, 174, 188
RGB Percent	69%, 68%, 74%
CMY	0.3059, 0.3176, 0.2627
CMYK	0.06, 0.07, 0.00, 0.26
HSL	253°, 9%, 71%
HSV	253°, 7%, 74%
XYZ	42.3446, 43.2501, 53.6932
YIQ	176.4930, -2.7060, 4.9900

Conversions

Conversions Part 2

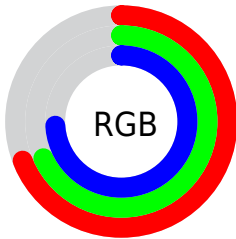
Format	Color
R_{YB}	177, 174, 188
Decimal	11644604
CIE Lab	71.72, 3.75, -6.76
CIE LCh	72, 7.733, 299.045
Yxy	43.2501, 0.3040, 0.3105
Android (android.graphics.Color)	4289834684 (0xFFB1AEB0)
YUV	176.4930, 5.6730, 0.4446
Hunter-Lab	65.7648, -0.1560, -2.3715

Details

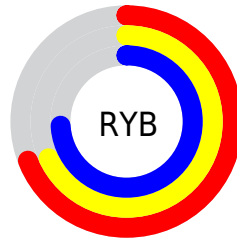
The XYZ color **42.3446, 43.2501, 53.6932** is a light color, and the websafe version is hex **999999**. A complement of this color would be **45.6324, 49.3379, 47.1647**, and the grayscale version is **41.4976, 43.6587, 47.5443**.

A 20% lighter version of the original color is **77.9527, 79.8939, 96.9005**, and **19.6449, 19.9534, 25.7377** is the 20% darker color. If you saturate the color by 10%, you get **35.7790, 34.8468, 52.4179**, and if you desaturate by 10%, it is **49.7855, 52.8617, 55.1569**.

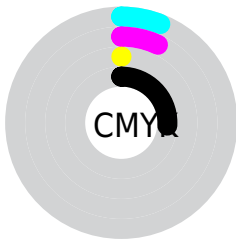
Distribution



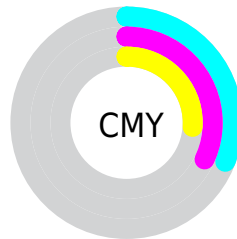
- Red (69%)
- Green (68%)
- Blue (74%)



- Red (69%)
- Yellow (68%)
- Blue (74%)



- Cyan (6%)
- Magenta (7%)
- Yellow (0%)
- Black (26%)



- Cyan (31%)
- Magenta (32%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 42.3446, 43.2501, 53.6932 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 42.3446, 43.2501, 53.6932 by changing the saturation by 10% instead.

■ 42.3446, 43.2501,
53.6932

■ 42.3446, 43.2501,
53.6932

346.8768,
359.6393, 418.0805

■ 29.5635, 30.0814,
37.9649

■ 77.9828, 80.0881,
97.0755

■ 19.6539, 19.9004,
25.6538

101.5706,
104.5263, 125.5666

■ 12.2505, 12.3226,
16.3414

129.4914,
133.4896, 159.1490

■ 6.9880, 6.9638,
9.6091

162.1104,
167.3627, 198.2414

■ 3.5008, 3.4395,
5.0384

199.7931,
206.5298, 243.2621

■ 1.4238, 1.3652,
2.2107

242.9049,

■ 0.2731, 0.1909,

251.3753, 294.6299

0.6805

291.8110,
302.2837, 352.7632

■ 0.0000, 0.0000,
0.0000

■ 42.3446, 43.2501,
53.6932

■ 42.3446, 43.2501,
53.6932

■ 35.7790, 34.8468,
52.4179

■ 49.7855, 52.8617,
55.1569

■ 30.0522, 27.5982,
51.3206

■ 58.1287, 63.7212,
56.8133

■ 25.1311, 21.4550,
50.3942

■ 67.4047, 75.8733,
58.6700

■ 20.9785, 16.3622,
49.6301

■ 77.6415, 89.3589,
60.7334

■ 17.5543, 12.2599,
49.0187

■ 84.5758, 95.6369,
61.5797

■ 14.8149, 9.0821,
48.5498

■ 86.0772, 96.4109,
61.6500

■ 12.7113, 6.7548,
48.2114

■ 11.1878, 5.1917,
47.9900

■ 10.1693, 4.2713,
47.8660

Harmonies

Analogous

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



41.0659, 43.2501, 54.6896



42.3446, 43.2501, 53.6932



43.3090, 43.2501, 50.9059

Triad

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



42.3446, 43.2501, 53.6932



42.4189, 43.2501, 41.1653



38.6374, 43.2501, 46.9717

Complementary

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



42.3446, 43.2501, 53.6932



45.6324, 49.3379, 47.1647

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.



38.9827, 43.2501, 43.4735



42.3446, 43.2501, 53.6932



41.1500, 43.2501, 40.2328

Square

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



42.3446, 43.2501, 53.6932



43.3525, 43.2501, 43.6715



39.8956, 43.2501, 41.0553



38.9422, 43.2501, 50.6866

Rectangle

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



42.3446, 43.2501, 53.6932



43.6341, 43.2501, 48.4780



39.8956, 43.2501, 41.0553



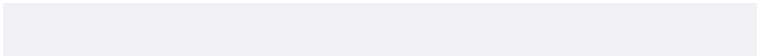
38.6812, 43.2501, 45.7326

Sweetspot

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



42.3459, 43.2519, 53.6941



83.8421, 87.5364, 98.7035



43.9249, 47.4124, 54.4140



18.0603, 18.8637, 21.2317



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.



42.3459, 43.2519, 53.6941



74.6085, 75.6418, 96.8942



43.9339, 44.0706, 53.7685



9.2024, 9.3212, 11.9864



6.8350, 2.8096, 32.5750



0.3241, 0.1391, 1.2786

Inverse Universe

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



44.6336, 44.4682, 52.1320



79.6526, 78.3242, 93.4223



44.0307, 48.5121, 47.0897



9.8401, 9.6603, 11.5470



17.7740, 8.7408, 19.9015



0.7185, 0.3513, 0.8967

Previews

White Background



This preview shows how the XYZ color 42.3446, 43.2501, 53.6932 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 42.3446, 43.2501, 53.6932 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

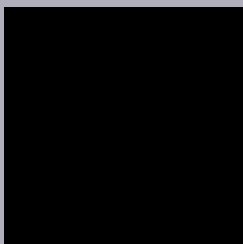
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

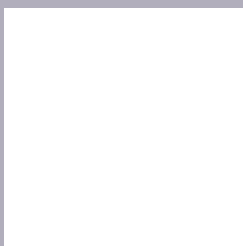
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 42.3446, 43.2501, 53.6932

Background



This preview shows how black text looks on a background with the XYZ color 42.3446, 43.2501, 53.6932.

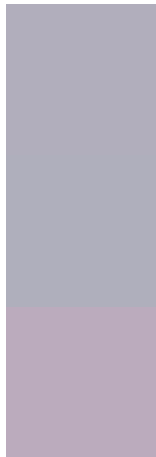


This preview shows how white text looks on a background with the XYZ color 42.3446, 43.2501,

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

42.3446, 43.2501, 53.6932

Protanopia

42.0863, 43.4047, 53.7367

Deuteranopia

44.2417, 43.3647, 54.1826



Tritanopia

42.3446, 43.2501, 53.6932

Trichromacy



Original Color

42.3446, 43.2501, 53.6932

Protanomaly

42.3116, 43.5209, 53.7473

Deuteranomaly

43.4663, 43.2465, 54.2006

Tritanomaly

42.3446, 43.2501, 53.6932

Monochromacy



Original Color

42.3446, 43.2501, 53.6932

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

41.4727, 43.1853, 49.3298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 42.3446, 43.2501, 53.6932 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(177, 174, 188)` looks like.

```
.text, #text, p{  
    color:rgb(177, 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(177, 174, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 174, 188) }
```

Border

The CSS property to change the border of an element to XYZ 42.3446, 43.2501, 53.6932 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(177, 174, 188) }
```


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

```
.border{ border-color:rgb(177, 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(177, 174, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 174, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 174, 188);  
box-shadow:4px 4px 4px 4px rgb(177, 174,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 42.3446, 43.2501, 53.6932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 174, 188) }
```

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

```
.background{ background-color: rgb(177,  
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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