

Converting Colors

XYZ(43.2470, 41.4951, 53.7036)

Have a look what the booklet for
XYZ(43.2470, 41.4951, 53.7036)
contains.

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Color

**XYZ(43.3150, 41.5114,
53.8737)**

Conversions

Conversions Part 1

Format	Color
Hex	BBA6BD
RGB	187, 166, 189
RGB Percent	73%, 65%, 74%
CMY	0.2667, 0.3490, 0.2588
CMYK	0.01, 0.12, 0.00, 0.26
HSL	295°, 15%, 70%
HSV	295°, 12%, 74%
XYZ	43.3150, 41.5114, 53.8737
YIQ	174.9010, 5.1330, 11.6050

Conversions

Conversions Part 2

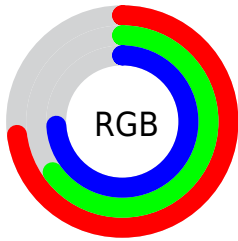
Format	Color
R _{YB}	187, 166, 189
Decimal	12297917
CIE Lab	70.53, 11.79, -8.99
CIE LCh	71, 14.824, 322.659
Yxy	41.5114, 0.3123, 0.2993
Android (android.graphics.Color)	4290487997 (0xFFBBA6BD)
YUV	174.9010, 6.9508, 10.6108
Hunter-Lab	64.4293, 7.2519, -4.4758

Details

The XYZ color **43.3150, 41.5114, 53.8737** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.2307, 47.4744, 43.0690**, and the grayscale version is **40.6607, 42.7783, 46.5855**.

A 20% lighter version of the original color is **79.3000, 77.3602, 97.1386**, and **20.2928, 18.8805, 25.8673** is the 20% darker color. If you saturate the color by 10%, you get **39.7292, 34.9329, 52.7935**, and if you desaturate by 10%, it is **47.4127, 49.1057, 55.1242**.

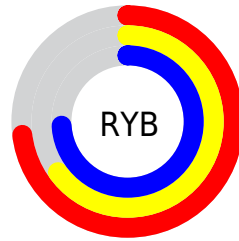
Distribution



Red (73%)

Green (65%)

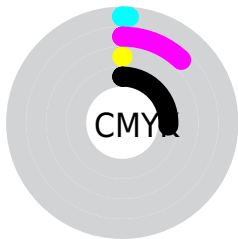
Blue (74%)



Red (73%)

Yellow (65%)

Blue (74%)

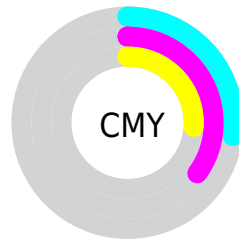


Cyan (1%)

Magenta (12%)

Yellow (0%)

Black (26%)



Cyan (27%)


Magenta (35%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3150, 41.5114, 53.8737 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 43.3150, 41.5114, 53.8737 by changing the saturation by 10% instead.


 43.3150, 41.5114,
53.8737


 43.3150, 41.5114,
53.8737


350.8052,
352.4535, 418.7892

 30.3279, 28.7189,
38.1082

 79.4387, 77.4596,
97.3433

 20.2369, 18.8683,
25.7642


 103.3061,
101.3841, 125.8845

 12.6767, 11.5751,
16.4231


131.5310,
129.7881, 159.5213

 7.2817, 6.4551,
9.6665

164.4787,
163.0559, 198.6724

 3.6868, 3.1237,
5.0757

202.5147,
201.5719, 243.7561

 1.5265, 1.1967,
2.2322

246.0042,

 0.3438, 0.0590,

245.7206, 295.1912

0.6929

295.3125,
295.8863, 353.3960

■ 0.0000, 0.0000,
0.0000

■ 43.3150, 41.5114,
53.8737

■ 43.3150, 41.5114,
53.8737

■ 39.7292, 34.9329,
52.7935

■ 47.4127, 49.1057,
55.1242

■ 36.6298, 29.3208,
51.8737

■ 52.0393, 57.7516,
56.5492

■ 33.9943, 24.6300,
51.1071

■ 57.2155, 67.4897,
58.1560

■ 31.7973, 20.8093,
50.4855

■ 62.9598, 78.3570,
59.9508

■ 30.0107, 17.8027,
49.9993

■ 67.5081, 86.8257,
61.3457

■ 28.6033, 15.5477,
49.6382

■ 67.9359, 87.0462,
61.3658

■ 27.5392, 13.9725,
49.3903

■ 68.3684, 87.2691,
61.3860

■ 26.7755, 12.9917,
49.2412

■ 68.8056, 87.4945,
61.4065

■ 26.3223, 12.5085,
49.1718

■ 69.2475, 87.7223,
61.4271

Harmonies

Analogous

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



41.2956, 41.5114, 58.8071



43.3150, 41.5114, 53.8737



44.3076, 41.5114, 46.9424

Triad

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



43.3150, 41.5114, 53.8737



40.0595, 41.5114, 33.1097



35.2713, 41.5114, 50.5905

Complementary

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



43.3150, 41.5114, 53.8737



41.2307, 47.4744, 43.0690

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.



34.9709, 41.5114, 43.4990



43.3150, 41.5114, 53.8737



37.6706, 41.5114, 33.8707

Square

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



43.3150, 41.5114, 53.8737



42.3783, 41.5114, 35.3110



35.8321, 41.5114, 37.5091



36.6700, 41.5114, 56.7791

Rectangle

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



43.3150, 41.5114, 53.8737



44.2258, 41.5114, 42.3101



35.8321, 41.5114, 37.5091



35.0409, 41.5114, 48.2162

Sweetspot

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



43.3162, 41.5132, 53.8746



83.4518, 85.2255, 98.2780



38.9712, 39.8994, 53.7921



17.8227, 18.0984, 21.0966



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.



43.3162, 41.5132, 53.8746



75.5092, 70.5388, 95.8618



42.8417, 41.3803, 48.8038



9.8459, 9.6529, 12.0165



17.7427, 8.4328, 33.0854



0.7193, 0.3428, 1.2971

Inverse Universe

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



41.6919, 40.9204, 42.7492



71.9541, 69.2442, 71.3813



41.6825, 47.6063, 47.6542



9.5630, 9.5495, 10.0876



14.1978, 7.3103, 1.0694



0.5677, 0.2910, 0.1027

Previews

White Background



This preview shows how the XYZ color 43.3150, 41.5114, 53.8737 looks on a white background.

Color Contrast Check

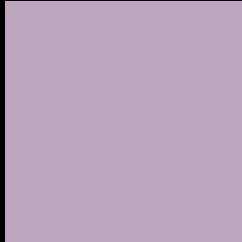
Large Text (above 18pt) WCAG AA × Fail

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 43.3150, 41.5114, 53.8737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

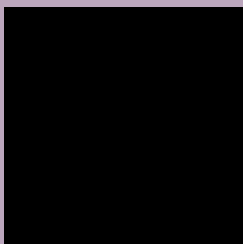
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3150, 41.5114, 53.8737

Background



This preview shows how black text looks on a background with the XYZ color 43.3150, 41.5114, 53.8737.



This preview shows how white text looks on a background with the XYZ color 43.3150, 41.5114,

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

43.3150, 41.5114, 53.8737

Protanopia

40.6549, 41.4776, 55.7324

Deuteranopia

42.4793, 41.6245, 53.9395



Tritanopia

42.4089, 41.4127, 49.4743

Trichromacy



Original Color

43.3150, 41.5114, 53.8737

Protanomaly

41.4964, 41.3676, 55.0879

Deuteranomaly

42.7712, 41.5019, 53.9005

Tritanomaly

42.7201, 41.5372, 51.1133

Monochromacy



Original Color

43.3150, 41.5114, 53.8737

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.5811, 42.3840, 49.1694

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3150, 41.5114, 53.8737 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(187, 166, 189)` looks like.

```
.text, #text, p{  
    color:rgb(187, 166, 189)  
}
```

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(187, 166, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 166, 189) }
```

Border

The CSS property to change the border of an element to XYZ 43.3150, 41.5114, 53.8737 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(187, 166, 189) }
```


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

```
.border{ border-color:rgb(187, 166, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 166, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 166, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 166, 189);  
box-shadow:4px 4px 4px 4px rgb(187, 166,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3150, 41.5114, 53.8737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 166, 189) }
```

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

```
.background{ background-color: rgb(187,  
166, 189) }
```

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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