

Converting Colors

XYZ(43.8304, 40.9814, 54.8662)

Have a look what the booklet for
XYZ(43.8304, 40.9814, 54.8662)
contains.

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Color

**XYZ(43.7364, 40.9031,
54.8802)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA3BF
RGB	190, 163, 191
RGB Percent	75%, 64%, 75%
CMY	0.2549, 0.3608, 0.2510
CMYK	0.01, 0.15, 0.00, 0.25
HSL	298°, 18%, 69%
HSV	298°, 15%, 75%
XYZ	43.7364, 40.9031, 54.8802
YIQ	174.2650, 7.1040, 14.4320

Conversions

Conversions Part 2

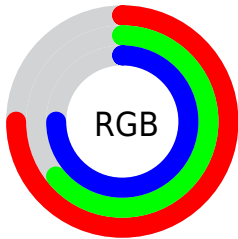
Format	Color
R_{YB}	190, 163, 191
Decimal	12493759
CIE _{Lab}	70.11, 14.86, -10.70
CIE _{LCh}	70, 18.314, 324.237
Yxy	40.9031, 0.3135, 0.2932
Android (android.graphics.Color)	4290683839 (0xFFBEA3BF)
YUV	174.2650, 8.2504, 13.7996
Hunter-Lab	63.9555, 10.1462, -6.1078

Details

The XYZ color **43.7364, 40.9031, 54.8802** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **40.5529, 47.7995, 41.7412**, and the grayscale version is **40.3257, 42.4257, 46.2016**.

A 20% lighter version of the original color is **79.8659, 76.4510, 98.5428**, and **20.4252, 18.4381, 26.5271** is the 20% darker color. If you saturate the color by 10%, you get **40.4285, 34.5388, 53.8267**, and if you desaturate by 10%, it is **47.5598, 48.2957, 56.1062**.

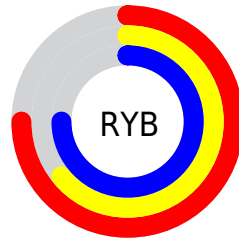
Distribution



Red (75%)

Green (64%)

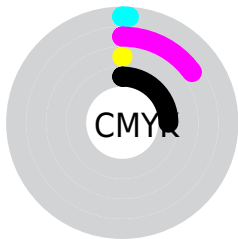
Blue (75%)



Red (75%)

Yellow (64%)

Blue (75%)

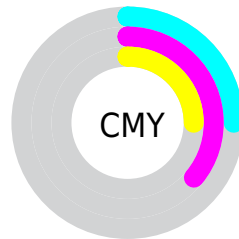


Cyan (1%)

Magenta (15%)

Yellow (0%)

Black (25%)



Cyan (25%)


Magenta (36%)


Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.7364, 40.9031, 54.8802 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 43.7364, 40.9031, 54.8802 by changing the saturation by 10% instead.


 43.7364, 40.9031,
54.8802


 43.7364, 40.9031,
54.8802


352.5019,
349.9155, 422.7268

 30.6603, 28.2434,
38.9079


 80.0697, 76.5368,
98.8348

 20.4909, 18.5092,
26.3808

 104.0578,
100.2795, 127.6541

 12.8627, 11.3162,
16.8804


132.4138,
128.4854, 161.5929

 7.4104, 6.2799,
9.9882

165.5032,
161.5388, 201.0696

 3.7687, 3.0160,
5.2856

203.6914,
199.8241, 246.5028

 1.5721, 1.1401,
2.3542

247.3437,

 0.3741, 0.0120,

243.7257, 298.3110

0.7613

296.8254,
293.6280, 356.9129

■ 0.0000, 0.0000,
0.0000

■ 43.7364, 40.9031,
54.8802

■ 43.7364, 40.9031,
54.8802

■ 40.4285, 34.5388,
53.8267

■ 47.5598, 48.2957,
56.1062

■ 37.6094, 29.1518,
52.9355

■ 51.9163, 56.7541,
57.5092

■ 35.2557, 24.6945,
52.1992

■ 56.8276, 66.3207,
59.0969

■ 33.3408, 21.1134,
51.6089

■ 62.3126, 77.0338,
60.8757

■ 31.8350, 18.3494,
51.1548

■ 67.2615, 86.6732,
62.4754

■ 30.7054, 16.3365,
50.8258

■ 67.4362, 86.7633,
62.4836

■ 29.9135, 14.9979,
50.6092

■ 67.6118, 86.8538,
62.4918

■ 29.4130, 14.2410,
50.4894

■ 67.7882, 86.9448,
62.5001

■ 29.2147, 13.9744,
50.4484

■ 67.9653, 87.0361,
62.5084

Harmonies

Analogous

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



41.2878, 40.9031, 61.3194



43.7364, 40.9031, 54.8802



44.8887, 40.9031, 46.2122

Triad

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



43.7364, 40.9031, 54.8802



39.4579, 40.9031, 30.0684



33.8621, 40.9031, 51.6508

Complementary

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



43.7364, 40.9031, 54.8802



40.5529, 47.7995, 41.7412

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.



33.4278, 40.9031, 42.9018



43.7364, 40.9031, 54.8802



36.5623, 40.9031, 31.1347

Square

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



43.7364, 40.9031, 54.8802



42.3385, 40.9031, 32.4567



34.3919, 40.9031, 35.5818



35.6098, 40.9031, 59.2937

Rectangle

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



43.7364, 40.9031, 54.8802



44.7264, 40.9031, 40.6049



34.3919, 40.9031, 35.5818



33.5615, 40.9031, 48.7140

Sweetspot

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



43.7376, 40.9049, 54.8811



85.6156, 87.3434, 100.6257



37.8571, 38.2444, 54.6775



18.6776, 18.9418, 22.0570



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.



43.7376, 40.9049, 54.8811



76.0797, 68.9167, 97.5716



42.6605, 40.5030, 47.9011



9.8954, 9.6785, 12.0188



19.2144, 9.1914, 33.1543



0.7632, 0.3655, 1.2992

Inverse Universe

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



41.2853, 39.9529, 40.6595



70.7456, 66.8477, 66.5634



41.5334, 48.1680, 47.9769



9.5436, 9.5417, 9.9856



14.1512, 7.2916, 0.8237



0.5591, 0.2875, 0.0574

Previews

White Background



This preview shows how the XYZ color 43.7364, 40.9031, 54.8802 looks on a white background.

Color Contrast Check

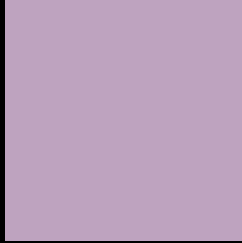
Large Text (above 18pt) WCAG AA × Fail

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 43.7364, 40.9031, 54.8802 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

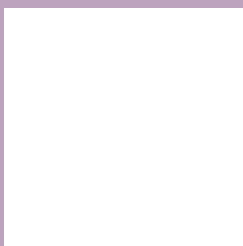
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.7364, 40.9031, 54.8802

Background



This preview shows how black text looks on a background with the XYZ color 43.7364, 40.9031, 54.8802.



This preview shows how white text looks on a background with the XYZ color 43.7364, 40.9031,

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

43.7364, 40.9031, 54.8802

Protanopia

40.2749, 40.9505, 58.0061

Deuteranopia

41.7034, 40.9388, 54.4192



Tritanopia

42.2301, 40.8160, 47.7720

Trichromacy



Original Color

43.7364, 40.9031, 54.8802

Protanomaly

41.2355, 40.6464, 56.7111

Deuteranomaly

42.4589, 41.0574, 54.4022

Tritanomaly

42.8090, 40.7886, 50.4165

Monochromacy



Original Color

43.7364, 40.9031, 54.8802

Achromatopsia

40.2316, 42.3268, 46.0938

Achromatomaly

41.4353, 41.7480, 49.0543

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.7364, 40.9031, 54.8802 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(190, 163, 191)` looks like.

```
.text, #text, p{  
    color:rgb(190, 163, 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(190, 163, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 163, 191) }
```

Border

The CSS property to change the border of an element to XYZ 43.7364, 40.9031, 54.8802 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(190, 163, 191) }
```


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

```
.border{ border-color:rgb(190, 163, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 163, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 163, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 163, 191);  
box-shadow:4px 4px 4px 4px rgb(190, 163,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 43.7364, 40.9031, 54.8802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 163, 191) }
```

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

```
.background{ background-color: rgb(190,  
163, 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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