

Converting Colors

XYZ(43.3498, 41.9380, 49.3384)

Have a look what the booklet for
XYZ(43.3498, 41.9380, 49.3384)
contains.

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Color

**XYZ(43.3944, 41.9208,
49.5204)**

Conversions

Conversions Part 1

Format	Color
Hex	BEA7B5
RGB	190, 167, 181
RGB Percent	75%, 65%, 71%
CMY	0.2549, 0.3451, 0.2902
CMYK	0.00, 0.12, 0.05, 0.25
HSL	323°, 15%, 70%
HSV	323°, 12%, 75%
XYZ	43.3944, 41.9208, 49.5204
YIQ	175.4730, 9.2140, 9.2300

Conversions

Conversions Part 2

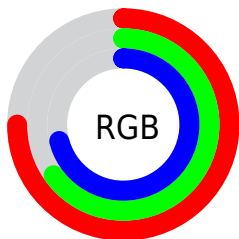
Format	Color
R_{YB}	190, 167, 181
Decimal	12494773
CIE _{Lab}	70.82, 10.80, -4.12
CIE _{LCh}	71, 11.559, 339.107
Yxy	41.9208, 0.3218, 0.3109
Android (android.graphics.Color)	4290684853 (0xFFBEA7B5)
YUV	175.4730, 2.7248, 12.7402
Hunter-Lab	64.7463, 6.3287, -0.0248

Details

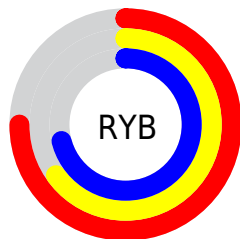
The XYZ color **43.3944, 41.9208, 49.5204** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.1879, 48.1781, 48.1524**, and the grayscale version is **40.9767, 43.1106, 46.9475**.

A 20% lighter version of the original color is **79.4134, 77.9498, 90.9810**, and **20.3435, 19.1383, 23.0439** is the 20% darker color. If you saturate the color by 10%, you get **39.4237, 35.1676, 44.5326**, and if you desaturate by 10%, it is **47.9196, 49.7168, 54.8950**.

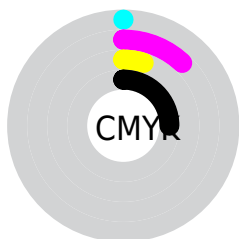
Distribution



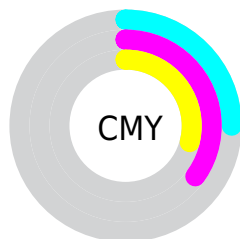
- Red (75%)
- Green (65%)
- Blue (71%)



- Red (75%)
- Yellow (65%)
- Blue (71%)



- Cyan (0%)
- Magenta (12%)
- Yellow (5%)
- Black (25%)





- Cyan (25%)
- Magenta (35%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.3944, 41.9208, 49.5204 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 43.3944, 41.9208, 49.5204 by changing the saturation by 10% instead.


 43.3944, 41.9208,
49.5204


 43.3944, 41.9208,
49.5204


351.1253,
354.1545, 401.4686

 30.3906, 29.0393,
34.6640


 79.5577, 78.0797,
90.8528

 20.2848, 19.1105,
23.1227


 103.4479,
102.1260, 118.1659

 12.7117, 11.7502,
14.4780


131.6975,
130.6625, 150.4683

 7.3059, 6.5738,
8.3113

164.6720,
164.0739, 188.1786

 3.7022, 3.1970,
4.2042

202.7366,
202.7443, 231.7152

 1.5351, 1.2354,
1.7380

246.2568,

 0.3495, 0.0904,

247.0583, 281.4967

0.3866

295.5979,
297.4003, 337.9417

■ 0.0000, 0.0000,
0.0000

■ 43.3944, 41.9208,
49.5204

■ 43.3944, 41.9208,
49.5204

■ 39.4237, 35.1676,
44.5326

■ 47.9196, 49.7168,
54.8950

■ 35.9811, 29.4069,
39.9182

■ 53.0173, 58.5920,
60.6638

■ 33.0433, 24.5926,
35.6667

■ 58.7088, 68.5878,
66.8376

■ 30.5837, 20.6729,
31.7661

■ 65.0134, 79.7418,
73.4256

■ 28.5735, 17.5907,
28.2033

■ 69.6740, 87.5387,
79.6782

■ 26.9801, 15.2824,
24.9642

■ 70.6704, 87.9372,
84.9250

■ 25.7667, 13.6752,
22.0328

■ 71.7110, 88.3535,
90.4046

■ 24.8891, 12.6821,
19.3908

■ 72.7963, 88.7876,
96.1201

■ 24.3670, 12.1999,
17.4844

■ 73.9270, 89.2399,
102.0743

Harmonies

Analogous

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



42.2191, 41.9208, 54.3513



43.3944, 41.9208, 49.5204



43.6024, 41.9208, 43.9913

Triad

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



43.3944, 41.9208, 49.5204



39.2629, 41.9208, 35.9796



37.0476, 41.9208, 52.6447

Complementary

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



43.3944, 41.9208, 49.5204



42.1879, 48.1781, 48.1524

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.



36.3089, 41.9208, 47.3389



43.3944, 41.9208, 49.5204



37.5606, 41.9208, 37.9212

Square

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



43.3944, 41.9208, 49.5204



41.1757, 41.9208, 36.4613



36.4936, 41.9208, 41.9765



38.5422, 41.9208, 56.2534

Rectangle

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



43.3944, 41.9208, 49.5204



43.1582, 41.9208, 40.6917



36.4936, 41.9208, 41.9765



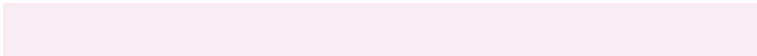
36.7048, 41.9208, 50.9840

Sweetspot

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



43.3956, 41.9226, 49.5213



85.1477, 87.1706, 97.5107



40.9777, 40.5660, 54.3860



18.5559, 18.8969, 21.2463



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.



43.3956, 41.9226, 49.5213



76.2727, 71.9268, 86.8263



42.2812, 41.4769, 43.6528



9.7675, 9.6313, 11.1645



16.2419, 8.1279, 11.8336



0.6675, 0.3309, 0.6281

Inverse Universe

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



43.3956, 41.9226, 49.5213



76.2727, 71.9268, 86.8263



43.3547, 48.6448, 54.2968



9.7675, 9.6313, 11.1645



16.2419, 8.1279, 11.8336



0.6675, 0.3309, 0.6281

Previews

White Background



This preview shows how the XYZ color 43.3944, 41.9208, 49.5204 looks on a white background.

Color Contrast Check

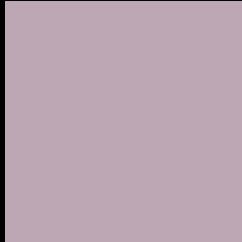
Large Text (above 18pt) WCAG AA × Fail

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 43.3944, 41.9208, 49.5204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

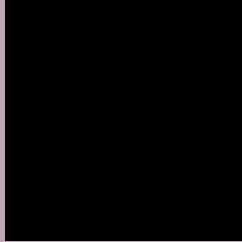
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.3944, 41.9208, 49.5204

Background



This preview shows how black text looks on a background with the XYZ color 43.3944, 41.9208, 49.5204.



This preview shows how white text looks on a background with the XYZ color 43.3944, 41.9208,

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

43.3944, 41.9208, 49.5204

Protanopia

40.6378, 41.8500, 51.2834

Deuteranopia

42.8366, 41.9063, 49.5470



Tritanopia

43.2921, 41.8799, 48.9819

Trichromacy



Original Color

43.3944, 41.9208, 49.5204

Protanomaly

41.5124, 41.7521, 50.6708

Deuteranomaly

43.0822, 42.0328, 49.5585

Tritanomaly

43.2921, 41.8799, 48.9819

Monochromacy



Original Color

43.3944, 41.9208, 49.5204

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.5107, 42.3827, 47.5878

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3944, 41.9208, 49.5204 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, 167, 181)` looks like.

```
.text, #text, p{  
    color:rgb(190, 167, 181)  
}
```

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, 167, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 167, 181) }
```

Border

The CSS property to change the border of an element to XYZ 43.3944, 41.9208, 49.5204 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, 167, 181) }
```


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

```
.border{ border-color:rgb(190, 167, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 167, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 167, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 167, 181);  
box-shadow:4px 4px 4px 4px rgb(190, 167,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3944, 41.9208, 49.5204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 167, 181) }
```

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

```
.background{ background-color: rgb(190,  
167, 181) }
```

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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