

Converting Colors

XYZ(43.5981, 41.4440, 49.7032)

Have a look what the booklet for
XYZ(43.5981, 41.4440, 49.7032)
contains.

XYZ(43.6369, 41.4941, 49.9652)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(43.6369, 41.4941,
49.9652)**

Conversions

Conversions Part 1

Format	Color
Hex	C0A5B6
RGB	192, 165, 182
RGB Percent	75%, 65%, 71%
CMY	0.2471, 0.3529, 0.2863
CMYK	0.00, 0.14, 0.05, 0.25
HSL	322°, 18%, 70%
HSV	322°, 14%, 75%
XYZ	43.6369, 41.4941, 49.9652
YIQ	175.0110, 10.6350, 11.0110

Conversions

Conversions Part 2

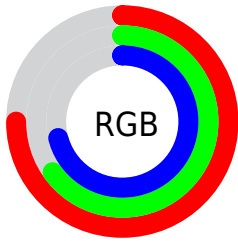
Format	Color
R _{YB}	192, 165, 182
Decimal	12625334
CIE Lab	70.52, 12.79, -5.09
CIE LCh	71, 13.765, 338.294
Yxy	41.4941, 0.3230, 0.3071
Android (android.graphics.Color)	4290815414 (0xFFC0A5B6)
YUV	175.0110, 3.4456, 14.8994
Hunter-Lab	64.4159, 8.1924, -0.8981

Details

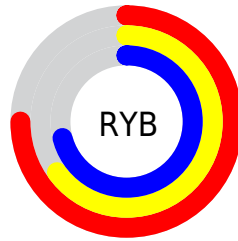
The XYZ color **43.6369, 41.4941, 49.9652** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **42.1062, 48.7950, 47.7590**, and the grayscale version is **40.7331, 42.8544, 46.6684**.

A 20% lighter version of the original color is **80.0927, 77.4992, 91.6264**, and **20.3488, 18.7985, 23.3249** is the 20% darker color. If you saturate the color by 10%, you get **39.7143, 34.7949, 45.1232**, and if you desaturate by 10%, it is **48.1192, 49.2517, 55.1790**.

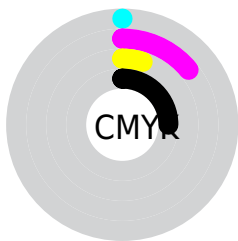
Distribution



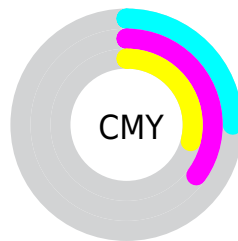
- Red (75%)
- Green (65%)
- Blue (71%)



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



- Cyan (0%)
- Magenta (14%)
- Yellow (5%)
- Black (25%)





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

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.6369, 41.4941, 49.9652 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 43.6369, 41.4941, 49.9652 by changing the saturation by 10% instead.


 43.6369, 41.4941,
49.9652


 43.6369, 41.4941,
49.9652


352.1018,
352.3815, 403.2610

 30.5818, 28.7054,
35.0148


 79.9208, 77.4334,
91.5191

 20.4309, 18.8580,
23.3906


 103.8804,
101.3527, 118.9596

 12.8187, 11.5678,
14.6742


132.2055,
129.7511, 151.4006

 7.3800, 6.4501,
8.4470

165.2615,
163.0128, 189.2605

 3.7493, 3.1206,
4.2904

203.4138,
201.5223, 232.9580

 1.5613, 1.1950,
1.7860

247.0277,

 0.3670, 0.0576,

245.6640, 282.9116

0.4187

296.4686,
295.8223, 339.5397

■ 0.0000, 0.0000,
0.0000

■ 43.6369, 41.4941,
49.9652

■ 43.6369, 41.4941,
49.9652

■ 39.7143, 34.7949,
45.1232

■ 48.1192, 49.2517,
55.1790

■ 36.3240, 29.1022,
40.6396

■ 53.1797, 58.1057,
60.7718

■ 33.4420, 24.3679,
36.5042

■ 58.8405, 68.0989,
66.7542

■ 31.0406, 20.5378,
32.7050

■ 65.1216, 79.2704,
73.1354

■ 29.0896, 17.5524,
29.2288

■ 70.0962, 87.7657,
79.2755

■ 27.5550, 15.3448,
26.0615

■ 71.0447, 88.1451,
84.2705

■ 26.3979, 13.8379,
23.1870

■ 72.0337, 88.5407,
89.4783

■ 25.5712, 12.9387,
20.5865

■ 73.0635, 88.9526,
94.9013

■ 25.1824, 12.5842,
19.1523

■ 74.1347, 89.3811,
100.5422

Harmonies

Analogous

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



42.2074, 41.4941, 55.7237



43.6369, 41.4941, 49.9652



43.9199, 41.4941, 43.3999

Triad

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



43.6369, 41.4941, 49.9652



38.8123, 41.4941, 33.8999



36.1099, 41.4941, 53.3819

Complementary

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



43.6369, 41.4941, 49.9652



42.1062, 48.7950, 47.7590

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.



35.2735, 41.4941, 47.0082



43.6369, 41.4941, 49.9652



36.7942, 41.4941, 36.0580

Square

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



43.6369, 41.4941, 49.9652



41.0761, 41.4941, 34.5280



35.5192, 41.4941, 40.7105



37.8457, 41.4941, 57.8244

Rectangle

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



43.6369, 41.4941, 49.9652



43.4104, 41.4941, 39.5075



35.5192, 41.4941, 40.7105



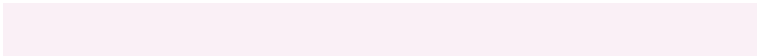
35.7173, 41.4941, 51.3711

Sweetspot

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



43.6381, 41.4959, 49.9661



87.1852, 89.2351, 99.9766



40.6280, 39.8204, 55.4148



18.5640, 18.9001, 21.2892



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.



43.6381, 41.4959, 49.9661



76.6773, 71.0834, 87.6441



42.3188, 40.9682, 43.0187



10.3339, 10.1822, 11.8489



16.9834, 8.4831, 13.0906



0.7662, 0.3795, 0.7361

Inverse Universe

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



43.6381, 41.4959, 49.9661



76.6773, 71.0834, 87.6441



43.4884, 49.3479, 55.0374



10.3339, 10.1822, 11.8489



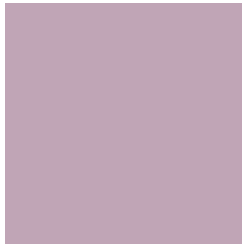
16.9834, 8.4831, 13.0906



0.7662, 0.3795, 0.7361

Previews

White Background



This preview shows how the XYZ color 43.6369, 41.4941, 49.9652 looks on a white background.

Color Contrast Check

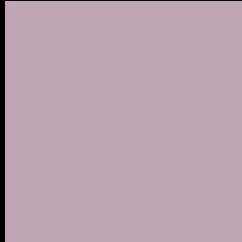
Large Text (above 18pt) WCAG AA × Fail

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 43.6369, 41.4941, 49.9652 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

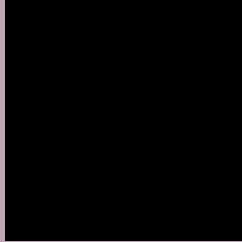
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.6369, 41.4941, 49.9652

Background



This preview shows how black text looks on a background with the XYZ color 43.6369, 41.4941, 49.9652.



This preview shows how white text looks on a background with the XYZ color 43.6369, 41.4941,

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

43.6369, 41.4941, 49.9652

Protanopia

40.6287, 41.8209, 52.3852

Deuteranopia

42.4537, 41.6970, 50.0667



Tritanopia

43.5111, 41.7336, 48.4099

Trichromacy



Original Color

43.6369, 41.4941, 49.9652

Protanomaly

41.5353, 41.4624, 51.7128

Deuteranomaly

43.0013, 41.7062, 50.0397

Tritanomaly

43.6127, 41.7742, 48.9446

Monochromacy



Original Color

43.6369, 41.4941, 49.9652

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

41.6548, 42.1639, 48.0625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.6369, 41.4941, 49.9652 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(192, 165, 182)` looks like.

```
.text, #text, p{  
    color:rgb(192, 165, 182)  
}
```

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(192, 165, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 165, 182) }
```

Border

The CSS property to change the border of an element to XYZ 43.6369, 41.4941, 49.9652 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(192, 165, 182) }
```


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

```
.border{ border-color:rgb(192, 165, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 165, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 165, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 165, 182);  
box-shadow:4px 4px 4px 4px rgb(192, 165,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 43.6369, 41.4941, 49.9652 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 165, 182) }
```

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

```
.background{ background-color: rgb(192,  
165, 182) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor