

Converting Colors

XYZ(49.9544, 46.5320, 47.7312)

Have a look what the booklet for
XYZ(49.9544, 46.5320, 47.7312)
contains.

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Color

**XYZ(49.9393, 46.4463,
47.9279)**

Conversions

Conversions Part 1

Format	Color
Hex	D5ABB1
RGB	213, 171, 177
RGB Percent	84%, 67%, 69%
CMY	0.1647, 0.3294, 0.3059
CMYK	0.00, 0.20, 0.17, 0.16
HSL	351°, 33%, 75%
HSV	351°, 20%, 84%
XYZ	49.9393, 46.4463, 47.9279
YIQ	184.2420, 23.1060, 10.7700

Conversions

Conversions Part 2

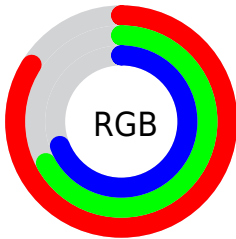
Format	Color
R_{YB}	213, 171, 177
Decimal	14003121
CIE _{Lab}	73.83, 16.25, 2.75
CIE _{LCh}	74, 16.478, 9.600
Yxy	46.4463, 0.3460, 0.3218
Android (android.graphics.Color)	4292193201 (0xFFD5ABB1)
YUV	184.2420, -3.5703, 25.2208
Hunter-Lab	68.1515, 11.5340, 6.0101

Details

The XYZ color **49.9393, 46.4463, 47.9279** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.8532, 60.7526, 68.0280**, and the grayscale version is **45.7050, 48.0852, 52.3648**.

A 20% lighter version of the original color is **83.1443, 81.5359, 88.4466**, and **24.3990, 21.9434, 22.3516** is the 20% darker color. If you saturate the color by 10%, you get **44.5358, 38.3592, 37.7405**, and if you desaturate by 10%, it is **56.2373, 55.9316, 59.6159**.

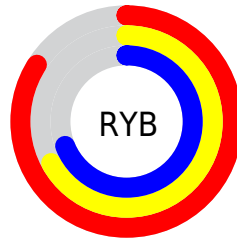
Distribution



Red (84%)

Green (67%)

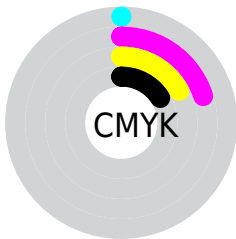
Blue (69%)



Red (84%)

Yellow (67%)

Blue (69%)

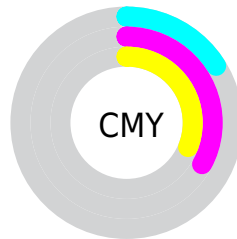


Cyan (0%)

Magenta (20%)

Yellow (17%)

Black (16%)



Cyan (16%)


Magenta (33%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.9393, 46.4463, 47.9279 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 49.9393, 46.4463, 47.9279 by changing the saturation by 10% instead.


 49.9393, 46.4463,
47.9279

 49.9393, 46.4463,
47.9279

376.8844,
372.6000, 395.0067

 35.5828, 32.5981,
33.4102

 89.2773, 84.8865,
88.4615

 24.2807, 21.8188,
22.1672


114.9895,
110.2474, 115.3144

 15.6679, 13.7238,
13.7803


145.2176,
140.2146, 147.1162

 9.3788, 7.9288,
7.8310

180.3270,
175.1726, 184.2854

 5.0481, 4.0494,
3.9008

220.6830,
215.5058, 227.2405

 2.3106, 1.7013,
1.5711

266.6510,

 0.8001, 0.4245,

261.5984, 276.4001

0.2701

318.5964,
313.8351, 332.1826

■ 0.0000, 0.0000,
0.0000

■ 49.9393, 46.4463,
47.9279

■ 49.9393, 46.4463,
47.9279

■ 44.5358, 38.3592,
37.7405

■ 56.2373, 55.9316,
59.6159

■ 39.9822, 31.5982,
28.9900

■ 63.4638, 66.8704,
72.8591

■ 36.2362, 26.0942,
21.6122

■ 71.6560, 79.3223,
87.7127

■ 33.2499, 21.7695,
15.5370

■ 80.4619, 92.5707,
104.1000

■ 30.9707, 18.5374,
10.6880

■ 81.2508, 92.8862,
108.2542

■ 29.3387, 16.2996,
6.9807

■ 28.2842, 14.9398,
4.3196

■ 27.6937, 14.2579,
2.5839

■ 27.6804, 14.2421,
2.5461

Harmonies

Analogous

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



49.6418, 46.4463, 56.4098



49.9393, 46.4463, 47.9279



48.6324, 46.4463, 40.9655

Triad

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



49.9393, 46.4463, 47.9279



40.6499, 46.4463, 39.1269



42.2102, 46.4463, 67.2595

Complementary

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



49.9393, 46.4463, 47.9279



51.8532, 60.7526, 68.0280

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.



39.9440, 46.4463, 61.5742



49.9393, 46.4463, 47.9279



39.0712, 46.4463, 45.1518

Square

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



49.9393, 46.4463, 47.9279



43.2126, 46.4463, 36.2682



38.8187, 46.4463, 53.3119



45.0924, 46.4463, 68.2150

Rectangle

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



49.9393, 46.4463, 47.9279



47.0597, 46.4463, 37.8888



38.8187, 46.4463, 53.3119



41.3548, 46.4463, 65.8105

Sweetspot

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



49.9406, 46.4484, 47.9289



88.3215, 89.8075, 96.5930



52.2230, 47.1543, 69.3005



18.7544, 18.9956, 20.3994



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



49.9406, 46.4484, 47.9289



71.2118, 64.0444, 64.8201



52.2885, 52.0798, 45.8272



12.4948, 12.4494, 13.2797



16.9309, 8.7087, 1.6743



1.0449, 0.5348, 0.2259

Inverse Universe

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



49.9406, 46.4484, 47.9289



71.2118, 64.0444, 64.8201



49.0693, 53.9891, 70.7859



12.4948, 12.4494, 13.2797



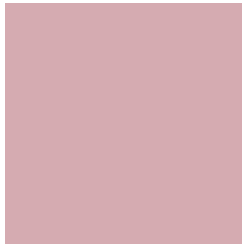
16.9309, 8.7087, 1.6743



1.0449, 0.5348, 0.2259

Previews

White Background



This preview shows how the XYZ color 49.9393, 46.4463, 47.9279 looks on a white background.

Color Contrast Check

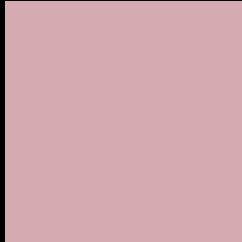
Large Text (above 18pt) WCAG AA × Fail

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 49.9393, 46.4463, 47.9279 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 49.9393, 46.4463, 47.9279

Background



This preview shows how black text looks on a background with the XYZ color 49.9393, 46.4463, 47.9279.



This preview shows how white text looks on a background with the XYZ color 49.9393, 46.4463,

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

49.9393, 46.4463, 47.9279

Protanopia

45.0787, 46.7809, 51.4535

Deuteranopia

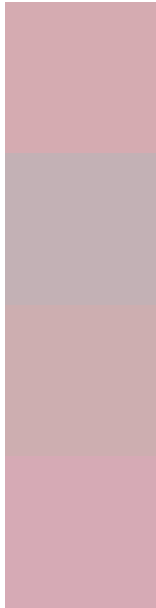
47.4492, 46.6028, 47.5687



Tritanopia

50.6535, 46.4645, 51.0986

Trichromacy



Original Color

49.9393, 46.4463, 47.9279

Protanomaly

46.5683, 46.3826, 50.2144

Deuteranomaly

48.1494, 46.3858, 47.4899

Tritanomaly

50.4468, 46.3818, 50.0098

Monochromacy



Original Color

49.9393, 46.4463, 47.9279

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

46.9663, 47.1785, 50.3470

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.9393, 46.4463, 47.9279 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(213, 171, 177)` looks like.

```
.text, #text, p{  
    color:rgb(213, 171, 177)  
}
```

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(213, 171, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 171, 177) }
```

Border

The CSS property to change the border of an element to XYZ 49.9393, 46.4463, 47.9279 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(213, 171, 177) }
```


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

```
.border{ border-color:rgb(213, 171, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 171, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 171, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 171, 177);  
box-shadow:4px 4px 4px 4px rgb(213, 171,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 49.9393, 46.4463, 47.9279 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 171, 177) }
```

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

```
.background{ background-color: rgb(213,  
171, 177) }
```

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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