

Converting Colors

XYZ(51.1986, 46.0693, 44.2240)

Have a look what the booklet for
XYZ(51.1986, 46.0693, 44.2240)
contains.

XYZ(51.1986, 46.0693, 44.2240)	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(51.1986, 46.0693,
44.2240)**

Conversions

Conversions Part 1

Format	Color
Hex	DEA7AA
RGB	222, 167, 170
RGB Percent	87%, 65%, 67%
CMY	0.1294, 0.3451, 0.3333
CMYK	0.00, 0.25, 0.23, 0.13
HSL	357°, 45%, 76%
HSV	357°, 25%, 87%
XYZ	51.1986, 46.0693, 44.2240
YIQ	183.7870, 31.8170, 12.5930

Conversions

Conversions Part 2

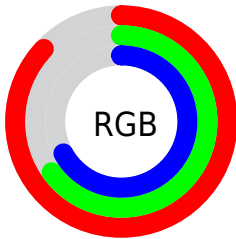
Format	Color
R_{YB}	222, 167, 170
Decimal	14591914
CIE Lab	73.59, 20.66, 6.35
CIE LCh	74, 21.616, 17.090
Yxy	46.0693, 0.3618, 0.3256
Android (android.graphics.Color)	4292781994 (0xFFDEA7AA)
YUV	183.7870, -6.7970, 33.5128
Hunter-Lab	67.8744, 15.8649, 8.8813

Details

The XYZ color **51.1986, 46.0693, 44.2240** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.8457, 65.5736, 76.7874**, and the grayscale version is **45.4675, 47.8354, 52.0927**.

A 20% lighter version of the original color is **80.9519, 78.9388, 82.2042**, and **25.1266, 21.6765, 19.9992** is the 20% darker color. If you saturate the color by 10%, you get **45.6457, 37.8913, 33.3461**, and if you desaturate by 10%, it is **57.7692, 55.7746, 57.0064**.

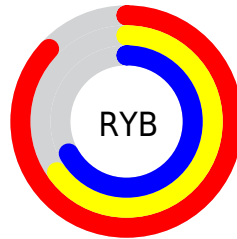
Distribution



Red (87%)

Green (65%)

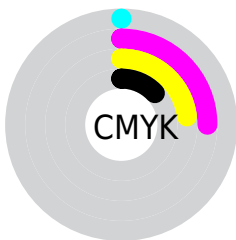
Blue (67%)



Red (87%)

Yellow (65%)

Blue (67%)

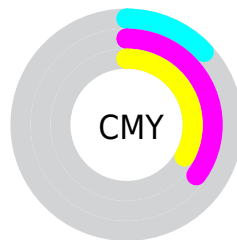


Cyan (0%)

Magenta (25%)

Yellow (23%)

Black (13%)



Cyan (13%)


Magenta (35%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.1986, 46.0693, 44.2240 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 51.1986, 46.0693, 44.2240 by changing the saturation by 10% instead.


 51.1986, 46.0693,
44.2240


 51.1986, 46.0693,
44.2240


381.7099,
371.0872, 379.6897

 36.5884, 32.3005,
30.5082


 91.1295, 84.3227,
82.8608

 25.0612, 21.5911,
19.9693


 117.1809,
109.5761, 108.6188

 16.2516, 13.5568,
12.1889


147.7767,
139.4265, 139.2279

 9.7943, 7.8131,
6.7483

183.2824,
174.2583, 175.1068

 5.3240, 3.9756,
3.2292

224.0631,
214.4558, 216.6738

 2.4753, 1.6599,
1.2128

270.4844,

 0.8828, 0.3975,

260.4036, 264.3476

0.0000

322.9115,
312.4859, 318.5467

■ 0.0000, 0.0000,
0.0000

■ 51.1986, 46.0693,
44.2240

■ 51.1986, 46.0693,
44.2240

■ 45.6457, 37.8913,
33.3461

■ 57.7692, 55.7746,
57.0064

■ 41.0560, 31.1569,
24.2788

■ 65.4010, 67.0726,
71.7752

■ 37.3758, 25.7841,
16.9248

■ 74.1392, 80.0327,
88.6112

■ 34.5446, 21.6802,
11.1761

■ 83.7680, 94.2031,
107.5039

■ 32.4943, 18.7407,
6.9129

■ 83.9343, 94.2697,
108.3798

■ 31.1465, 16.8449,
3.9982

■ 30.4064, 15.8453,
2.2699

■ 30.1913, 15.5564,
1.7622

Harmonies

Analogous

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



51.3528, 46.0693, 55.0151



51.1986, 46.0693, 44.2240



48.9870, 46.0693, 36.2646

Triad

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



51.1986, 46.0693, 44.2240



38.6197, 46.0693, 37.1466



42.1652, 46.0693, 73.6150

Complementary

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



51.1986, 46.0693, 44.2240



54.8457, 65.5736, 76.7874

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.



38.9696, 46.0693, 67.2204



51.1986, 46.0693, 44.2240



37.0042, 46.0693, 45.6024

Square

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



51.1986, 46.0693, 44.2240



41.6619, 46.0693, 32.6053



37.1285, 46.0693, 56.6083



45.9841, 46.0693, 73.1028

Rectangle

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



51.1986, 46.0693, 44.2240



46.7127, 46.0693, 33.1571



37.1285, 46.0693, 56.6083



40.9870, 46.0693, 72.1669

Sweetspot

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



51.1999, 46.0714, 44.2249



87.0182, 88.0955, 93.4010



56.0180, 47.8704, 75.3950



18.4848, 18.6477, 19.7197



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.



51.1999, 46.0714, 44.2249



65.7727, 56.7052, 52.0969



55.6951, 55.5103, 44.3410



13.7374, 13.7126, 14.3871



17.9457, 9.2453, 1.1139



1.2547, 0.6452, 0.1342

Inverse Universe

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



51.1999, 46.0714, 44.2249



65.7727, 56.7052, 52.0969



49.3552, 53.9556, 76.9207



13.7374, 13.7126, 14.3871



17.9457, 9.2453, 1.1139



1.2547, 0.6452, 0.1342

Previews

White Background



This preview shows how the XYZ color 51.1986, 46.0693, 44.2240 looks on a white background.

Color Contrast Check

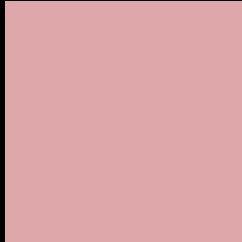
Large Text (above 18pt) WCAG AA × Fail

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 51.1986, 46.0693, 44.2240 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 51.1986, 46.0693, 44.2240

Background



This preview shows how black text looks on a background with the XYZ color 51.1986, 46.0693, 44.2240.



This preview shows how white text looks on a background with the XYZ color 51.1986, 46.0693,

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

51.1986, 46.0693, 44.2240

Protanopia

44.2647, 46.1311, 48.1662

Deuteranopia

47.1200, 46.2210, 43.9742



Tritanopia

52.1035, 46.1748, 48.2859

Trichromacy



Original Color

51.1986, 46.0693, 44.2240

Protanomaly

46.2587, 45.7217, 46.4315

Deuteranomaly

48.4923, 46.0713, 43.8729

Tritanomaly

51.8055, 46.0556, 46.7166

Monochromacy



Original Color

51.1986, 46.0693, 44.2240

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.3458, 47.1012, 49.2439

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.1986, 46.0693, 44.2240 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(222, 167, 170)` looks like.

```
.text, #text, p{  
    color:rgb(222, 167, 170)  
}
```

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(222, 167, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 167, 170) }
```

Border

The CSS property to change the border of an element to XYZ 51.1986, 46.0693, 44.2240 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(222, 167, 170) }
```


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

```
.border{ border-color:rgb(222, 167, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 167, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 167, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 167, 170);  
box-shadow:4px 4px 4px 4px rgb(222, 167,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 51.1986, 46.0693, 44.2240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 167, 170) }
```

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

```
.background{ background-color: rgb(222,  
167, 170) }
```

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