

Converting Colors

XYZ(51.4844, 46.1266, 43.4858)

Have a look what the booklet for
XYZ(51.4844, 46.1266, 43.4858)
contains.

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Color

**XYZ(51.7206, 46.3493,
43.7565)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A7A9
RGB	224, 167, 169
RGB Percent	88%, 65%, 66%
CMY	0.1216, 0.3451, 0.3372
CMYK	0.00, 0.25, 0.25, 0.12
HSL	358°, 48%, 77%
HSV	358°, 25%, 88%
XYZ	51.7206, 46.3493, 43.7565
YIQ	184.2710, 33.3300, 12.7060

Conversions

Conversions Part 2

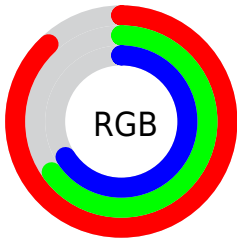
Format	Color
R _Y B	224, 167, 169
Decimal	14722985
CIE Lab	73.77, 21.26, 7.19
CIE LCh	74, 22.441, 18.683
Yxy	46.3493, 0.3647, 0.3268
Android (android.graphics.Color)	4292913065 (0xFFE0A7A9)
YUV	184.2710, -7.5286, 34.8423
Hunter-Lab	68.0803, 16.4658, 9.5494

Details

The XYZ color **51.7206, 46.3493, 43.7565** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.7787, 66.8017, 79.0647**, and the grayscale version is **45.7382, 48.1202, 52.4029**.

A 20% lighter version of the original color is **80.8158, 78.8844, 81.4878**, and **25.4901, 21.8707, 19.7076** is the 20% darker color. If you saturate the color by 10%, you get **46.1026, 38.0965, 32.6862**, and if you desaturate by 10%, it is **58.3874, 56.1620, 56.8325**.

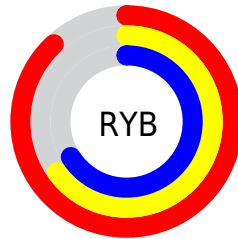
Distribution



Red (88%)

Green (65%)

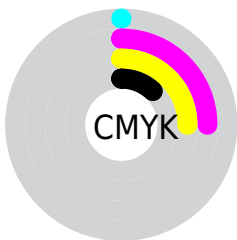
Blue (66%)



Red (88%)

Yellow (65%)

Blue (66%)

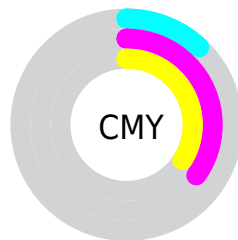


Cyan (0%)

Magenta (25%)

Yellow (25%)

Black (12%)



Cyan (12%)


Magenta (35%)


Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7206, 46.3493, 43.7565 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 51.7206, 46.3493, 43.7565 by changing the saturation by 10% instead.


 51.7206, 46.3493,
43.7565

 51.7206, 46.3493,
43.7565


383.6987,
372.2112, 377.7259

 37.0058, 32.5215,
30.1433


 91.8957, 84.7415,
82.1498

 25.3857, 21.7602,
19.6944


 118.0867,
110.0748, 107.7670

 16.4949, 13.6808,
11.9913


148.8339,
140.0120, 138.2226

 9.9681, 7.8990,
6.6153

184.5025,
174.9375, 173.9352

 5.4399, 4.0304,
3.1479

225.4579,
215.2358, 215.3232

 2.5450, 1.6906,
1.1706

272.0655,

 0.9180, 0.4175,

261.2913, 262.8054

0.0000

324.6907,
313.4883, 316.8001

■ 0.0000, 0.0000,
0.0000

■ 51.7206, 46.3493,
43.7565

■ 51.7206, 46.3493,
43.7565

■ 46.1026, 38.0965,
32.6862

■ 58.3874, 56.1620,
56.8325

■ 41.4764, 31.3174,
23.5197

■ 66.1485, 67.6024,
72.0035

■ 37.7856, 25.9270,
16.1507

■ 75.0515, 80.7420,
89.3569

■ 34.9665, 21.8294,
10.4611

■ 84.5506, 94.5873,
108.4086

■ 32.9472, 18.9163,
6.3187

■ 31.6449, 17.0618,
3.5716

■ 30.9580, 16.1116,
2.0373

■ 30.7835, 15.8645,
1.6649

Harmonies

Analogous

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



52.0047, 46.3493, 54.8979



51.7206, 46.3493, 43.7565



49.3103, 46.3493, 35.7100

Triad

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



51.7206, 46.3493, 43.7565



38.5441, 46.3493, 37.3169



42.5666, 46.3493, 75.1957

Complementary

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



51.7206, 46.3493, 43.7565



55.7787, 66.8017, 79.0647

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.



39.1845, 46.3493, 68.8136



51.7206, 46.3493, 43.7565



36.9573, 46.3493, 46.2802

Square

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



51.7206, 46.3493, 43.7565



41.6437, 46.3493, 32.3975



37.1844, 46.3493, 57.8297



46.5547, 46.3493, 74.2476

Rectangle

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



51.7206, 46.3493, 43.7565



46.8991, 46.3493, 32.6550



37.1844, 46.3493, 57.8297



41.3256, 46.3493, 73.8020

Sweetspot

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



51.7219, 46.3515, 43.7574



85.8748, 86.4642, 90.9987



57.1390, 48.4171, 76.8551



18.0352, 17.9974, 18.8023



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.



51.7219, 46.3515, 43.7574



64.8637, 55.5343, 49.7989



56.7095, 56.6243, 44.5026



13.7266, 13.7083, 14.3304



17.9269, 9.2378, 1.0151



1.2496, 0.6431, 0.1070

Inverse Universe

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



51.7219, 46.3515, 43.7574



64.8637, 55.5343, 49.7989



49.6669, 54.1475, 78.3550



13.7266, 13.7083, 14.3304



17.9269, 9.2378, 1.0151



1.2496, 0.6431, 0.1070

Previews

White Background



This preview shows how the XYZ color 51.7206, 46.3493, 43.7565 looks on a white background.

Color Contrast Check

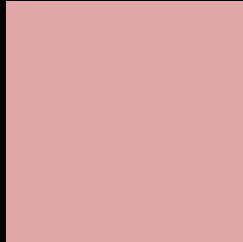
Large Text (above 18pt) WCAG AA × Fail

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 51.7206, 46.3493, 43.7565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

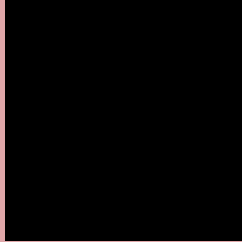
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.7206, 46.3493, 43.7565

Background



This preview shows how black text looks on a background with the XYZ color 51.7206, 46.3493, 43.7565.



This preview shows how white text looks on a background with the XYZ color 51.7206, 46.3493,

43.7565.

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

51.7206, 46.3493, 43.7565

Protanopia

44.7094, 46.6612, 48.2450

Deuteranopia

47.2069, 46.2873, 43.0055



Tritanopia

52.7234, 46.4943, 48.3150

Trichromacy



Original Color

51.7206, 46.3493, 43.7565

Protanomaly

46.9847, 46.3860, 46.5214

Deuteranomaly

48.6844, 46.1811, 43.3937

Tritanomaly

52.4254, 46.3751, 46.7456

Monochromacy



Original Color

51.7206, 46.3493, 43.7565

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

47.6103, 47.2376, 49.2563

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7206, 46.3493, 43.7565 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(224, 167, 169)` looks like.

```
.text, #text, p{  
    color:rgb(224, 167, 169)  
}
```

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(224, 167, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 167, 169) }
```

Border

The CSS property to change the border of an element to XYZ 51.7206, 46.3493, 43.7565 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(224, 167, 169) }
```


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

```
.border{ border-color:rgb(224, 167, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 167, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 167, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 167, 169);  
box-shadow:4px 4px 4px 4px rgb(224, 167,  
169) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7206, 46.3493, 43.7565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 167, 169) }
```

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

```
.background{ background-color: rgb(224,  
167, 169) }
```

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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