

Converting Colors

XYZ(45.5582, 41.5033, 44.3724)

Have a look what the booklet for
XYZ(45.5582, 41.5033, 44.3724)
contains.

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Color

**XYZ(45.5492, 41.5518,
44.1477)**

Conversions

Conversions Part 1

Format	Color
Hex	CEA1AB
RGB	206, 161, 171
RGB Percent	81%, 63%, 67%
CMY	0.1922, 0.3686, 0.3294
CMYK	0.00, 0.22, 0.17, 0.19
HSL	347°, 31%, 72%
HSV	347°, 22%, 81%
XYZ	45.5492, 41.5518, 44.1477
YIQ	175.5950, 23.6100, 12.6500

Conversions

Conversions Part 2

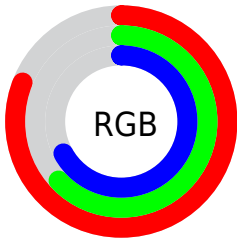
Format	Color
R _Y B	206, 161, 171
Decimal	13541803
CIE Lab	70.56, 18.17, 1.21
CIE LCh	71, 18.210, 3.823
Yxy	41.5518, 0.3470, 0.3166
Android (android.graphics.Color)	4291731883 (0xFFCEA1AB)
YUV	175.5950, -2.2653, 26.6652
Hunter-Lab	64.4607, 13.3254, 4.5161

Details

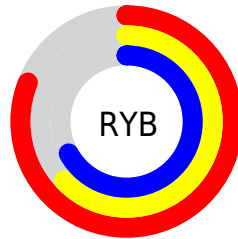
The XYZ color **45.5492, 41.5518, 44.1477** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.7348, 55.7063, 60.5165**, and the grayscale version is **41.0598, 43.1981, 47.0428**.

A 20% lighter version of the original color is **79.5233, 75.8627, 82.4031**, and **21.5609, 18.8485, 19.9545** is the 20% darker color. If you saturate the color by 10%, you get **40.8057, 34.3624, 35.4824**, and if you desaturate by 10%, it is **51.0733, 50.0052, 53.9877**.

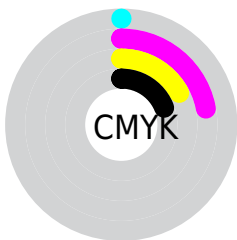
Distribution



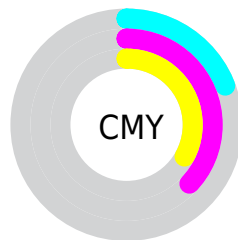
- Red (81%)
- Green (63%)
- Blue (67%)



- Red (81%)
- Yellow (63%)
- Blue (67%)



- Cyan (0%)
- Magenta (22%)
- Yellow (17%)
- Black (19%)





- Cyan (19%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.5492, 41.5518, 44.1477 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 45.5492, 41.5518, 44.1477 by changing the saturation by 10% instead.


 45.5492, 41.5518,
44.1477


 45.5492, 41.5518,
44.1477


359.7397,
352.6216, 379.3696

 32.0933, 28.7505,
30.4486


 82.7759, 77.5208,
82.7448

 21.5887, 18.8922,
19.9244


 107.2775,
101.4574, 108.4799

 13.6699, 11.5924,
12.1566


136.1918,
129.8744, 139.0640

 7.9716, 6.4668,
6.7266

169.8840,
163.1564, 174.9157

 4.1284, 3.1309,
3.2158

208.7195,
201.6878, 216.4536

 1.7750, 1.2005,
1.2059

253.0637,

 0.5026, 0.0621,

245.8528, 264.0962

0.0000

303.2820,
296.0359, 318.2621

■ 0.0000, 0.0000,
0.0000

■ 45.5492, 41.5518,
44.1477

■ 45.5492, 41.5518,
44.1477

■ 40.8057, 34.3624,
35.4824

■ 51.0733, 50.0052,
53.9877

■ 36.8037, 28.3707,
27.9448

■ 57.4078, 59.7734,
65.0418

■ 33.5059, 23.5128,
21.4885

■ 64.5851, 70.9115,
77.3507

■ 30.8703, 19.7166,
16.0629

■ 72.6350, 83.4696,
90.9526

■ 28.8504, 16.9018,
11.6130

■ 78.6452, 91.6145,
104.9035

■ 27.3933, 14.9765,
8.0784

■ 79.2639, 91.8619,
108.1612

■ 26.4365, 13.8309,
5.3917

■ 25.9424, 13.3174,
3.7638

Harmonies

Analogous

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



44.9140, 41.5518, 52.9493



45.5492, 41.5518, 44.1477



44.4953, 41.5518, 36.6363

Triad

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



45.5492, 41.5518, 44.1477



36.3616, 41.5518, 32.8318



36.9972, 41.5518, 61.7925

Complementary

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



45.5492, 41.5518, 44.1477



46.7348, 55.7063, 60.5165

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.



34.8818, 41.5518, 55.1016



45.5492, 41.5518, 44.1477



34.5281, 41.5518, 38.3230

Square

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



45.5492, 41.5518, 44.1477



39.1095, 41.5518, 30.6484



34.0003, 41.5518, 46.3560



39.8805, 41.5518, 63.8609

Rectangle

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



45.5492, 41.5518, 44.1477



43.0065, 41.5518, 33.1480



34.0003, 41.5518, 46.3560



36.1776, 41.5518, 59.9710

Sweetspot

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



45.5504, 41.5537, 44.1486



87.4621, 88.2731, 95.7383



46.5220, 41.6168, 63.9740



18.5872, 18.6887, 20.2591



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.



45.5504, 41.5537, 44.1486



70.2039, 61.8585, 65.0082



46.8316, 45.5839, 40.0507



11.3127, 11.2538, 12.1812



16.0047, 8.2125, 2.4774



0.8551, 0.4355, 0.2830

Inverse Universe

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



45.5504, 41.5537, 44.1486



70.2039, 61.8585, 65.0082



45.1318, 50.6183, 65.7847



11.3127, 11.2538, 12.1812



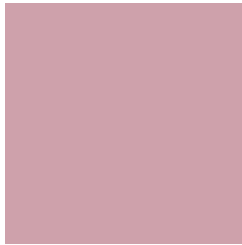
16.0047, 8.2125, 2.4774



0.8551, 0.4355, 0.2830

Previews

White Background



This preview shows how the XYZ color 45.5492, 41.5518, 44.1477 looks on a white background.

Color Contrast Check

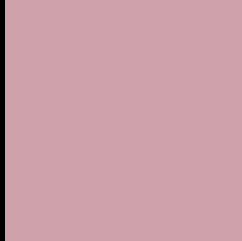
Large Text (above 18pt) WCAG AA × Fail

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 45.5492, 41.5518, 44.1477 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 45.5492, 41.5518, 44.1477

Background



This preview shows how black text looks on a background with the XYZ color 45.5492, 41.5518, 44.1477.



This preview shows how white text looks on a background with the XYZ color 45.5492, 41.5518,

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

45.5492, 41.5518, 44.1477

Protanopia

40.3675, 41.7933, 47.5343

Deuteranopia

42.5603, 41.6161, 43.8197



Tritanopia

45.7413, 41.6287, 45.1595

Trichromacy



Original Color

45.5492, 41.5518, 44.1477

Protanomaly

41.9902, 41.5395, 46.3622

Deuteranomaly

43.4758, 41.5483, 43.7584

Tritanomaly

45.6449, 41.5901, 44.6517

Monochromacy



Original Color

45.5492, 41.5518, 44.1477

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

42.6964, 42.7466, 46.0450

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.5492, 41.5518, 44.1477 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(206, 161, 171)` looks like.

```
.text, #text, p{  
    color:rgb(206, 161, 171)  
}
```

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(206, 161, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 161, 171) }
```

Border

The CSS property to change the border of an element to XYZ 45.5492, 41.5518, 44.1477 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(206, 161, 171) }
```


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

```
.border{ border-color:rgb(206, 161, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 161, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 161, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 161, 171);  
box-shadow:4px 4px 4px 4px rgb(206, 161,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 45.5492, 41.5518, 44.1477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 161, 171) }
```

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

```
.background{ background-color: rgb(206,  
161, 171) }
```

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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