

Converting Colors

XYZ(51.5648, 44.6019, 45.2345)

Have a look what the booklet for
XYZ(51.5648, 44.6019, 45.2345)
contains.

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Color

**XYZ(51.6517, 44.6756,
45.4361)**

Conversions

Conversions Part 1

Format	Color
Hex	E2A1AD
RGB	226, 161, 173
RGB Percent	89%, 63%, 68%
CMY	0.1137, 0.3686, 0.3216
CMYK	0.00, 0.29, 0.23, 0.11
HSL	349°, 53%, 76%
HSV	349°, 29%, 89%
XYZ	51.6517, 44.6756, 45.4361
YIQ	181.8030, 34.8880, 17.5120

Conversions

Conversions Part 2

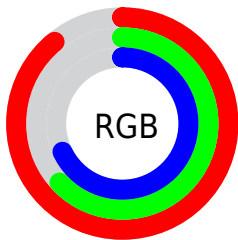
Format	Color
RYB	226, 161, 173
Decimal	14852525
CIELab	72.68, 25.79, 3.44
CIELCh	73, 26.020, 7.592
Yxy	44.6756, 0.3644, 0.3151
Android (android.graphics.Color)	4293042605 (0xFFE2A1AD)
YUV	181.8030, -4.3399, 38.7608
Hunter-Lab	66.8398, 20.9695, 6.4839

Details

The XYZ color **51.6517, 44.6756, 45.4361** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.0337, 66.8258, 73.6723**, and the grayscale version is **44.3669, 46.6774, 50.8317**.

A 20% lighter version of the original color is **79.7995, 75.9732, 83.8572**, and **25.2820, 20.7528, 20.7623** is the 20% darker color. If you saturate the color by 10%, you get **46.3914, 36.8146, 35.4832**, and if you desaturate by 10%, it is **57.8742, 54.0667, 56.9244**.

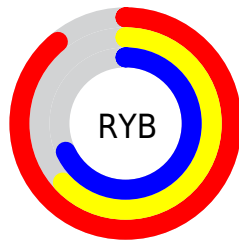
Distribution



Red (89%)

Green (63%)

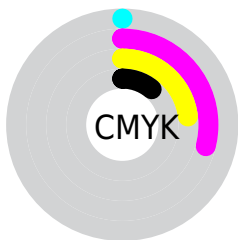
Blue (68%)



Red (89%)

Yellow (63%)

Blue (68%)

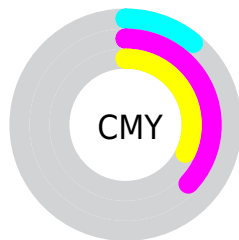


Cyan (0%)

Magenta (29%)

Yellow (23%)

Black (11%)



Cyan (11%)


Magenta (37%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.6517, 44.6756, 45.4361 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 51.6517, 44.6756, 45.4361 by changing the saturation by 10% instead.


 51.6517, 44.6756,
45.4361


 51.6517, 44.6756,
45.4361


383.4366,
365.4581, 384.7484

 36.9507, 31.2020,
31.4556


 91.7946, 82.2334,
84.6998

 25.3428, 20.7527,
20.6847


 117.9673,
107.0864, 110.8201

 16.4627, 12.9434,
12.7047


148.6945,
136.5013, 141.8241

 9.9451, 7.3896,
7.0972

184.3416,
170.8624, 178.1304

 5.4246, 3.7069,
3.4436

225.2740,
210.5543, 220.1574

 2.5358, 1.5110,
1.3254

271.8571,

 0.9133, 0.2964,

255.9613, 268.3237

0.0824

324.4562,
307.4678, 323.0479

■ 0.0000, 0.0000,
0.0000

■ 51.6517, 44.6756,
45.4361

■ 51.6517, 44.6756,
45.4361

■ 46.3914, 36.8146,
35.4832

■ 57.8742, 54.0667,
56.9244

■ 42.0413, 30.3965,
26.9973

■ 65.1003, 65.0566,
70.0068

■ 38.5496, 25.3349,
19.9090

■ 73.3733, 77.7174,
84.7423

■ 35.8582, 21.5316,
14.1421

■ 82.7331, 92.1149,
101.1863

■ 33.9011, 18.8751,
9.6129

■ 85.1741, 94.9088,
108.4378

■ 32.6018, 17.2340,
6.2274

■ 31.8492, 16.4115,
3.8718

■ 31.7769, 16.3339,
3.6414

Harmonies

Analogous

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



50.9950, 44.6756, 58.7388



51.6517, 44.6756, 45.4361



49.7115, 44.6756, 35.0121

Triad

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



51.6517, 44.6756, 45.4361



37.3893, 44.6756, 31.4996



39.2422, 44.6756, 75.4063

Complementary

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



51.6517, 44.6756, 45.4361



54.0337, 66.8258, 73.6723

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.



35.9555, 44.6756, 65.4220



51.6517, 44.6756, 45.4361



34.9397, 44.6756, 39.7778

Square

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



51.6517, 44.6756, 45.4361



41.3274, 44.6756, 27.9457



34.4340, 44.6756, 51.9997



43.6189, 44.6756, 77.6483

Rectangle

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



51.6517, 44.6756, 45.4361



47.2821, 44.6756, 30.5450



34.4340, 44.6756, 51.9997



37.9827, 44.6756, 72.7685

Sweetspot

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



51.6529, 44.6777, 45.4370



85.2926, 85.0741, 91.5002



53.9143, 45.1291, 77.8210



17.9414, 17.7295, 19.0189



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.



51.6529, 44.6777, 45.4370



63.2973, 51.8282, 51.0442



54.2209, 51.5886, 40.8207



13.8100, 13.7416, 14.7699



18.1604, 9.3312, 2.2444



1.2892, 0.6590, 0.3160

Inverse Universe

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



51.6529, 44.6777, 45.4370



63.2973, 51.8282, 51.0442



50.6189, 57.4533, 80.3735



13.8100, 13.7416, 14.7699



18.1604, 9.3312, 2.2444



1.2892, 0.6590, 0.3160

Previews

White Background



This preview shows how the XYZ color 51.6517, 44.6756, 45.4361 looks on a white background.

Color Contrast Check

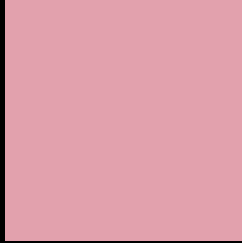
Large Text (above 18pt) WCAG AA × Fail

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 51.6517, 44.6756, 45.4361 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

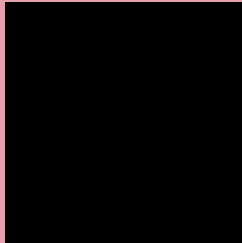
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.6517, 44.6756, 45.4361

Background



This preview shows how black text looks on a background with the XYZ color 51.6517, 44.6756, 45.4361.



This preview shows how white text looks on a background with the XYZ color 51.6517, 44.6756,

45.4361.

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

51.6517, 44.6756, 45.4361

Protanopia

43.5237, 45.0834, 51.2078

Deuteranopia

45.8474, 44.9695, 44.7916



Tritanopia

51.6517, 44.6756, 45.4361

Trichromacy



Original Color

51.6517, 44.6756, 45.4361

Protanomaly

45.9152, 44.6300, 48.8423

Deuteranomaly

47.9289, 44.9098, 45.1721

Tritanomaly

51.6517, 44.6756, 45.4361

Monochromacy



Original Color

51.6517, 44.6756, 45.4361

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

46.5614, 45.5325, 48.9824

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.6517, 44.6756, 45.4361 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(226, 161, 173)` looks like.

```
.text, #text, p{  
    color:rgb(226, 161, 173)  
}
```

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(226, 161, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 161, 173) }
```

Border

The CSS property to change the border of an element to XYZ 51.6517, 44.6756, 45.4361 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(226, 161, 173) }
```


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

```
.border{ border-color:rgb(226, 161, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 161, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 161, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 161, 173);  
box-shadow:4px 4px 4px 4px rgb(226, 161,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 51.6517, 44.6756, 45.4361 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 161, 173) }
```

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

```
.background{ background-color: rgb(226,  
161, 173) }
```

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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