

Converting Colors

XYZ(44.2364, 36.6489, 39.8929)

Have a look what the booklet for
XYZ(44.2364, 36.6489, 39.8929)
contains.

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Color

**XYZ(44.2549, 36.6214,
39.8581)**

Conversions

Conversions Part 1

Format	Color
Hex	D68FA4
RGB	214, 143, 164
RGB Percent	84%, 56%, 64%
CMY	0.1608, 0.4392, 0.3569
CMYK	0.00, 0.33, 0.23, 0.16
HSL	342°, 46%, 70%
HSV	342°, 33%, 84%
XYZ	44.2549, 36.6214, 39.8581
YIQ	166.6230, 35.5750, 21.5830

Conversions

Conversions Part 2

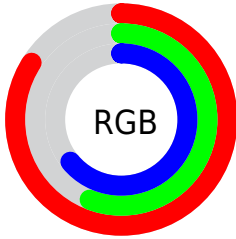
Format	Color
R_{YB}	214, 143, 164
Decimal	14061476
CIE _{Lab}	66.99, 29.81, 0.02
CIE _{LCh}	67, 29.811, 0.038
Yxy	36.6214, 0.3665, 0.3033
Android (android.graphics.Color)	4292251556 (0xFFD68FA4)
YUV	166.6230, -1.2931, 41.5496
Hunter-Lab	60.5156, 24.6342, 3.3101

Details

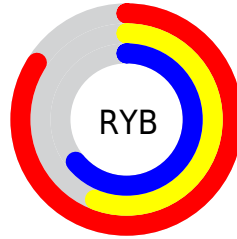
The XYZ color **44.2549, 36.6214, 39.8581** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.0015, 57.7840, 59.2366**, and the grayscale version is **36.5422, 38.4452, 41.8668**.

A 20% lighter version of the original color is **73.9924, 66.3070, 75.9165**, and **20.8523, 16.0932, 17.3365** is the 20% darker color. If you saturate the color by 10%, you get **40.0621, 30.2862, 32.1386**, and if you desaturate by 10%, it is **49.2239, 44.2501, 48.6329**.

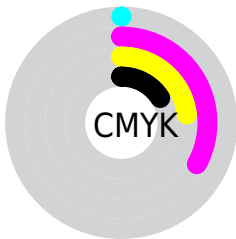
Distribution



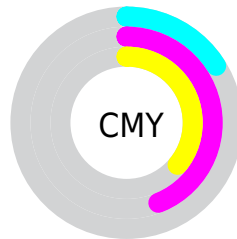
- Red (84%)
- Green (56%)
- Blue (64%)



- Red (84%)
- Yellow (56%)
- Blue (64%)



- Cyan (0%)
- Magenta (33%)
- Yellow (23%)
- Black (16%)





- Cyan (16%)
- Magenta (44%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.2549, 36.6214, 39.8581 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 44.2549, 36.6214, 39.8581 by changing the saturation by 10% instead.


 44.2549, 36.6214,
39.8581


 44.2549, 36.6214,
39.8581

354.5821,
331.6685, 361.0594

 31.0697, 24.9145,
27.1150


 80.8451, 69.9901,
76.1821

 20.8040, 16.0134,
17.4264


 104.9809, 92.4207,
100.6001

 13.0925, 9.5336,
10.3738


133.4976,
119.1947, 129.7467

 7.5697, 5.0908,
5.5387

166.7605,
150.6963, 164.0406

 3.8703, 2.3007,
2.5024

205.1351,
187.3102, 203.9003

 1.6290, 0.7741,
0.8414

248.9867,

 0.4112, 0.0000,

229.4206, 249.7443

0.0000

298.6805,
277.4119, 301.9912

■ 0.0000, 0.0000,
0.0000

■ 44.2549, 36.6214,
39.8581

■ 44.2549, 36.6214,
39.8581

■ 40.0621, 30.2862,
32.1386

■ 49.2239, 44.2501,
48.6329

■ 36.6018, 25.1673,
25.4311

■ 55.0034, 53.2336,
58.4997

■ 33.8307, 21.1869,
19.6921

■ 61.6297, 63.6356,
69.4960

■ 31.6992, 18.2564,
14.8742

■ 69.1355, 75.5142,
81.6567

■ 30.1510, 16.2736,
10.9250

■ 77.5520, 88.9241,
95.0154

■ 29.1187, 15.1155,
7.7862

■ 81.4500, 92.9995,
107.7845

■ 28.6370, 14.6583,
6.0648

■ 81.5417, 93.0362,
108.2678

Harmonies

Analogous

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



42.9040, 36.6214, 53.6613



44.2549, 36.6214, 39.8581



42.8974, 36.6214, 28.6551

Triad

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



44.2549, 36.6214, 39.8581



30.6308, 36.6214, 21.9568



30.6399, 36.6214, 65.5973

Complementary

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



44.2549, 36.6214, 39.8581



45.0015, 57.7840, 59.2366

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.



27.8046, 36.6214, 53.6959



44.2549, 36.6214, 39.8581



27.7997, 36.6214, 28.6779

Square

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



44.2549, 36.6214, 39.8581



34.8018, 36.6214, 19.7841



26.8105, 36.6214, 39.8909



34.8133, 36.6214, 70.3492

Rectangle

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



44.2549, 36.6214, 39.8581



40.7012, 36.6214, 23.6605



26.8105, 36.6214, 39.8909



29.5122, 36.6214, 62.1890

Sweetspot

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



44.2559, 36.6231, 39.8588



84.6899, 83.6926, 91.8430



43.8774, 35.7999, 68.2162



17.8380, 17.4609, 19.1750



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.



44.2559, 36.6231, 39.8588



61.1956, 47.4682, 50.8266



44.7816, 40.4627, 31.4385



12.5729, 12.4806, 13.6909



17.3491, 8.8759, 3.8763



1.0825, 0.5498, 0.4238

Inverse Universe

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



44.2559, 36.6231, 39.8588



61.1956, 47.4682, 50.8266



44.0746, 51.9119, 71.3158



12.5729, 12.4806, 13.6909



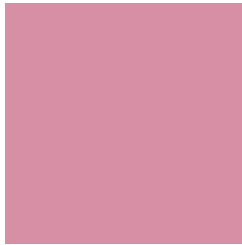
17.3491, 8.8759, 3.8763



1.0825, 0.5498, 0.4238

Previews

White Background



This preview shows how the XYZ color 44.2549, 36.6214, 39.8581 looks on a white background.

Color Contrast Check

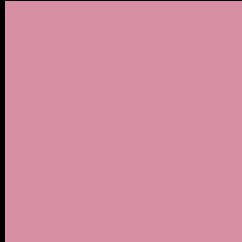
Large Text (above 18pt) WCAG AA × Fail

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 44.2549, 36.6214, 39.8581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

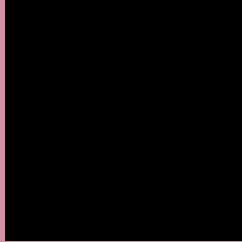
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 44.2549, 36.6214, 39.8581

Background



This preview shows how black text looks on a background with the XYZ color 44.2549, 36.6214, 39.8581.



This preview shows how white text looks on a background with the XYZ color 44.2549, 36.6214,

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

44.2549, 36.6214, 39.8581

Protanopia

35.7625, 36.7223, 45.7607

Deuteranopia

37.4823, 36.7302, 38.8323



Tritanopia

43.3302, 36.4592, 35.7639

Trichromacy



Original Color

44.2549, 36.6214, 39.8581

Protanomaly

38.3634, 36.3280, 43.5181

Deuteranomaly

39.6510, 36.5976, 39.1566

Tritanomaly

43.5854, 36.5613, 37.1076

Monochromacy



Original Color

44.2549, 36.6214, 39.8581

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

38.8770, 37.3972, 41.2457

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.2549, 36.6214, 39.8581 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(214, 143, 164)` looks like.

```
.text, #text, p{  
    color:rgb(214, 143, 164)  
}
```

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(214, 143, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 143, 164) }
```

Border

The CSS property to change the border of an element to XYZ 44.2549, 36.6214, 39.8581 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(214, 143, 164) }
```


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

```
.border{ border-color:rgb(214, 143, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 143, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 143, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 143, 164);  
box-shadow:4px 4px 4px 4px rgb(214, 143,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 44.2549, 36.6214, 39.8581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 143, 164) }
```

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

```
.background{ background-color: rgb(214,  
143, 164) }
```

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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