

Converting Colors

XYZ(44.4294, 35.9548, 40.5130)

Have a look what the booklet for
XYZ(44.4294, 35.9548, 40.5130)
contains.

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Color

**XYZ(44.5799, 36.1083,
40.6964)**

Conversions

Conversions Part 1

Format	Color
Hex	D88CA6
RGB	216, 140, 166
RGB Percent	85%, 55%, 65%
CMY	0.1529, 0.4510, 0.3490
CMYK	0.00, 0.35, 0.23, 0.15
HSL	339°, 49%, 70%
HSV	339°, 35%, 85%
XYZ	44.5799, 36.1083, 40.6964
YIQ	165.6880, 36.9500, 24.1980

Conversions

Conversions Part 2

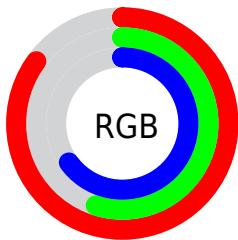
Format	Color
R _Y B	216, 140, 166
Decimal	14191782
CIE Lab	66.60, 32.44, -1.65
CIE LCh	67, 32.478, 357.092
Yxy	36.1083, 0.3673, 0.2975
Android (android.graphics.Color)	4292381862 (0xFFD88CA6)
YUV	165.6880, 0.1538, 44.1236
Hunter-Lab	60.0902, 27.2683, 1.9087

Details

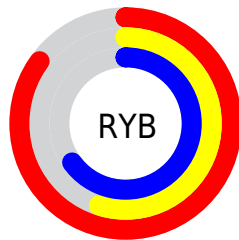
The XYZ color **44.5799, 36.1083, 40.6964** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.6669, 58.4057, 57.6373**, and the grayscale version is **36.0827, 37.9618, 41.3404**.

A 20% lighter version of the original color is **73.5829, 65.0640, 77.0870**, and **21.1068, 15.8332, 17.8633** is the 20% darker color. If you saturate the color by 10%, you get **40.4956, 29.9117, 33.2547**, and if you desaturate by 10%, it is **49.4298, 43.6049, 49.1049**.

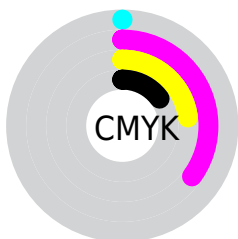
Distribution



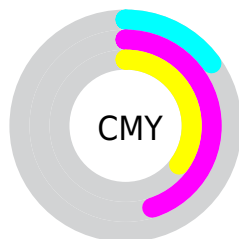
- Red (85%)
- Green (55%)
- Blue (65%)



- Red (85%)
- Yellow (55%)
- Blue (65%)



- Cyan (0%)
- Magenta (35%)
- Yellow (23%)
- Black (15%)



- Cyan (15%)
- Magenta (45%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 44.5799, 36.1083, 40.6964 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 44.5799, 36.1083, 40.6964 by changing the saturation by 10% instead.

■ 44.5799, 36.1083,
40.6964

■ 44.5799, 36.1083,
40.6964

355.8819,
329.4337, 364.6891

■ 31.3265, 24.5179,
27.7640

■ 81.3306, 69.1992,
77.4715

■ 21.0007, 15.7182,
17.9104

■ 105.5586, 91.4684,
102.1512

■ 13.2369, 9.3250,
10.7169

■ 134.1756,
118.0660, 131.5839

■ 7.6700, 4.9537,
5.7650

167.5469,
149.3764, 166.1879

■ 3.9346, 2.2202,
2.6363

206.0378,
185.7840, 206.3819

■ 1.6652, 0.7309,
0.9111

250.0136,

■ 0.4343, 0.0000,

227.6731, 252.5844

0.0000

299.8399,
275.4282, 305.2140

■ 0.0000, 0.0000,
0.0000

■ 44.5799, 36.1083,
40.6964

■ 44.5799, 36.1083,
40.6964

■ 40.4956, 29.9117,
33.2547

■ 49.4298, 43.6049,
49.1049

■ 37.1327, 24.9353,
26.7409

■ 55.0802, 52.4650,
58.5125

■ 34.4472, 21.0983,
21.1164

■ 61.5673, 62.7541,
68.9528

■ 32.3886, 18.3082,
16.3387

■ 68.9244, 74.5321,
80.4569

■ 30.8987, 16.4575,
12.3613

■ 77.1827, 87.8551,
93.0548

■ 29.9071, 15.4150,
9.1313

■ 81.5340, 93.1010,
105.1623

■ 29.5512, 15.0919,
7.8141

■ 82.1290, 93.3390,
108.2953

Harmonies

Analogous

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



42.8238, 36.1083, 55.8142



44.5799, 36.1083, 40.6964



43.3785, 36.1083, 28.2946

Triad

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



44.5799, 36.1083, 40.6964



30.2180, 36.1083, 19.9024



29.4661, 36.1083, 66.4962

Complementary

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



44.5799, 36.1083, 40.6964



44.6669, 58.4057, 57.6373

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.



26.6192, 36.1083, 52.8813



44.5799, 36.1083, 40.6964



27.0235, 36.1083, 26.4384

Square

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



44.5799, 36.1083, 40.6964



34.7986, 36.1083, 18.1068



25.7688, 36.1083, 37.9668



33.8455, 36.1083, 72.7607

Rectangle

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



44.5799, 36.1083, 40.6964



41.1193, 36.1083, 22.7225



25.7688, 36.1083, 37.9668



28.3146, 36.1083, 62.4902

Sweetspot

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



44.5809, 36.1100, 40.6971



83.9151, 82.2587, 91.2274



42.8598, 34.5860, 69.3827



17.6904, 17.1779, 19.0882



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.



44.5809, 36.1100, 40.6971



60.5222, 45.8916, 51.3104



44.1849, 38.7563, 29.9651



12.5968, 12.4902, 13.8171



17.5370, 8.9511, 4.8657



1.0960, 0.5552, 0.4950

Inverse Universe

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



44.5809, 36.1100, 40.6971



60.5222, 45.8916, 51.3104



44.9469, 54.0058, 73.0211



12.5968, 12.4902, 13.8171



17.5370, 8.9511, 4.8657



1.0960, 0.5552, 0.4950

Previews

White Background



This preview shows how the XYZ color 44.5799, 36.1083, 40.6964 looks on a white background.

Color Contrast Check

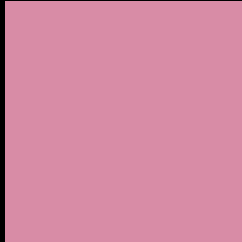
Large Text (above 18pt) WCAG AA × Fail

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 44.5799, 36.1083, 40.6964 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 44.5799, 36.1083, 40.6964

Background



This preview shows how black text looks on a background with the XYZ color 44.5799, 36.1083, 40.6964.



This preview shows how white text looks on a background with the XYZ color 44.5799, 36.1083,

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

44.5799, 36.1083, 40.6964

Protanopia

35.3788, 36.2180, 47.7739

Deuteranopia

37.0279, 36.2233, 39.6905



Tritanopia

43.4471, 36.0930, 34.8137

Trichromacy



Original Color

44.5799, 36.1083, 40.6964

Protanomaly

37.8536, 35.5418, 44.9095

Deuteranomaly

39.5057, 36.0200, 39.9923

Tritanomaly

43.7208, 35.9654, 36.9854

Monochromacy



Original Color

44.5799, 36.1083, 40.6964

Achromatopsia

36.2450, 38.1326, 41.5264

Achromatomaly

38.7071, 37.0575, 41.1891

CSS Examples

Text

The CSS property to change the color of the text to XYZ 44.5799, 36.1083, 40.6964 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(216, 140, 166)` looks like.

```
.text, #text, p{  
    color:rgb(216, 140, 166)  
}
```

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(216, 140, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 140, 166) }
```

Border

The CSS property to change the border of an element to XYZ 44.5799, 36.1083, 40.6964 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(216, 140, 166) }
```


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

```
.border{ border-color:rgb(216, 140, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 140, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 140, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 140, 166);  
box-shadow:4px 4px 4px 4px rgb(216, 140,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 44.5799, 36.1083, 40.6964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 140, 166) }
```

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

```
.background{ background-color: rgb(216,  
140, 166) }
```

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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