

Converting Colors

XYZ(36.1576, 28.6250, 40.1675)

Have a look what the booklet for
XYZ(36.1576, 28.6250, 40.1675)
contains.

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Color

**XYZ(36.1750, 28.5428,
40.1619)**

Conversions

Conversions Part 1

Format	Color
Hex	C17CA7
RGB	193, 124, 167
RGB Percent	76%, 49%, 65%
CMY	0.2431, 0.5137, 0.3451
CMYK	0.00, 0.36, 0.13, 0.24
HSL	323°, 36%, 62%
HSV	323°, 36%, 76%
XYZ	36.1750, 28.5428, 40.1619
YIQ	149.5330, 27.3210, 28.0010

Conversions

Conversions Part 2

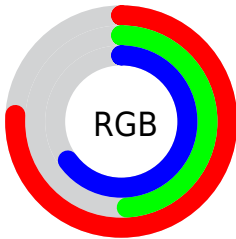
Format	Color
R _Y B	193, 124, 167
Decimal	12680359
CIE Lab	60.38, 33.14, -11.75
CIE LCh	60, 35.163, 340.479
Yxy	28.5428, 0.3449, 0.2721
Android (android.graphics.Color)	4290870439 (0xFFC17CA7)
YUV	149.5330, 8.6112, 38.1206
Hunter-Lab	53.4255, 27.3699, -7.1727

Details

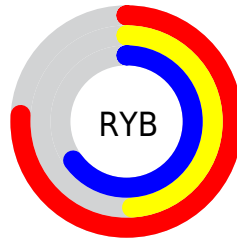
The XYZ color **36.1750, 28.5428, 40.1619** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **32.8884, 44.6278, 35.7368**, and the grayscale version is **28.7492, 30.2464, 32.9383**.

A 20% lighter version of the original color is **68.5296, 57.4387, 76.5821**, and **15.9583, 11.4062, 17.5802** is the 20% darker color. If you saturate the color by 10%, you get **33.3354, 23.9092, 35.9910**, and if you desaturate by 10%, it is **39.5275, 34.1408, 44.6909**.

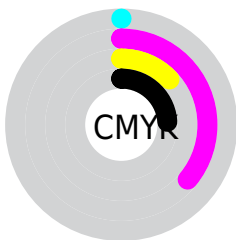
Distribution



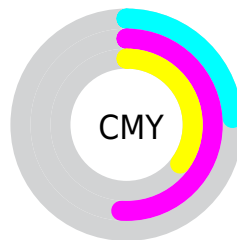
- Red (76%)
- Green (49%)
- Blue (65%)



- Red (76%)
- Yellow (49%)
- Blue (65%)



- Cyan (0%)
- Magenta (36%)
- Yellow (13%)
- Black (24%)





- Cyan (24%)
- Magenta (51%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.1750, 28.5428, 40.1619 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 36.1750, 28.5428, 40.1619 by changing the saturation by 10% instead.


 36.1750, 28.5428,
40.1619


 36.1750, 28.5428,
40.1619


321.1427,
295.0516, 362.3778


 24.7401, 18.7352,
27.3501


 68.6242, 57.3499,
76.6498

 16.0112, 11.4791,
17.6015

 90.3692, 77.1182,
101.1629

 9.6230, 6.3901,
10.4978


 116.2817,
100.9755, 130.4135

 5.2101, 3.0837,
5.6204

146.7269,
129.3063, 164.8201

 2.4071, 1.1756,
2.5506

182.0702,
162.4949, 204.8013

 0.8486, 0.0416,
0.8668

222.6771,

 0.0000, 0.0000,

200.9257, 250.7757

0.0000

268.9128,
244.9832, 303.1617

■ 36.1750, 28.5428,
40.1619

■ 36.1750, 28.5428,
40.1619

■ 33.3354, 23.9092,
35.9910

■ 39.5275, 34.1408,
44.6909

■ 30.9778, 20.1804,
32.1640

■ 43.4163, 40.7505,
49.5880

■ 29.0717, 17.2962,
28.6680

■ 47.8667, 48.4208,
54.8647

■ 27.5821, 15.1873,
25.4880

■ 52.9013, 57.1963,
60.5314

■ 26.4682, 13.7736,
22.6073

■ 58.5415, 67.1188,
66.5981

■ 25.6795, 12.9548,
20.0055

■ 64.8078, 78.2281,
73.0742

■ 25.3991, 12.7002,
18.9686

■ 70.3957, 87.9148,
79.5276

■ 71.3682, 88.3038,
84.6486

■ 72.3829, 88.7097,
89.9922

Harmonies

Analogous

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



33.1727, 28.5428, 54.1224



36.1750, 28.5428, 40.1619



36.6064, 28.5428, 26.7666

Triad

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



36.1750, 28.5428, 40.1619



25.5786, 28.5428, 12.4626



21.0394, 28.5428, 50.2037

Complementary

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



36.1750, 28.5428, 40.1619



32.8884, 44.6278, 35.7368

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.



19.4473, 28.5428, 35.8297



36.1750, 28.5428, 40.1619



21.8681, 28.5428, 15.7270

Square

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



36.1750, 28.5428, 40.1619



30.1388, 28.5428, 13.0233



19.7328, 28.5428, 23.4793



24.3267, 28.5428, 60.9447

Rectangle

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



36.1750, 28.5428, 40.1619



35.3317, 28.5428, 20.0835



19.7328, 28.5428, 23.4793



20.3057, 28.5428, 45.4938

Sweetspot

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



36.1759, 28.5441, 40.1625



81.2792, 79.0307, 93.0518



29.2838, 24.6849, 53.6737



17.2070, 16.5588, 19.6882



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.1759, 28.5441, 40.1625



60.6866, 44.4072, 65.9589



33.4485, 27.4532, 25.8005



10.3311, 10.1811, 11.8344



16.9332, 8.4630, 12.8261



0.7642, 0.3787, 0.7258

Inverse Universe

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



36.1759, 28.5441, 40.1625



60.6866, 44.4072, 65.9589



36.0139, 45.8780, 52.1954



10.3311, 10.1811, 11.8344



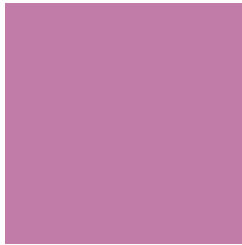
16.9332, 8.4630, 12.8261



0.7642, 0.3787, 0.7258

Previews

White Background



This preview shows how the XYZ color 36.1750, 28.5428, 40.1619 looks on a white background.

Color Contrast Check

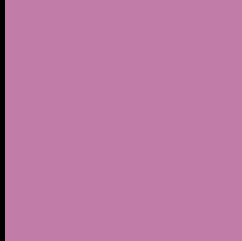
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.1750, 28.5428, 40.1619 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 × Fail

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

XYZ 36.1750, 28.5428, 40.1619

Background



This preview shows how black text looks on a background with the XYZ color 36.1750, 28.5428, 40.1619.



This preview shows how white text looks on a background with the XYZ color 36.1750, 28.5428,

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

36.1750, 28.5428, 40.1619

Protanopia

28.7824, 28.9054, 47.7784

Deuteranopia

29.3227, 28.7017, 39.1165



Tritanopia

33.7457, 28.5117, 28.1508

Trichromacy



Original Color

36.1750, 28.5428, 40.1619

Protanomaly

30.6868, 28.1940, 44.8989

Deuteranomaly

31.3919, 28.2600, 39.3975

Tritanomaly

34.5000, 28.4250, 32.1020

Monochromacy



Original Color

36.1750, 28.5428, 40.1619

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

31.2515, 29.5570, 35.5104

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.1750, 28.5428, 40.1619 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(193, 124, 167)` looks like.

```
.text, #text, p{  
    color:rgb(193, 124, 167)  
}
```

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(193, 124, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 124, 167) }
```

Border

The CSS property to change the border of an element to XYZ 36.1750, 28.5428, 40.1619 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(193, 124, 167) }
```


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

```
.border{ border-color:rgb(193, 124, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 124, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 124, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 124, 167);  
box-shadow:4px 4px 4px 4px rgb(193, 124,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 36.1750, 28.5428, 40.1619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 124, 167) }
```

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

```
.background{ background-color: rgb(193,  
124, 167) }
```

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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