

Converting Colors

XYZ(36.8536, 28.8325, 29.5306)

Have a look what the booklet for
XYZ(36.8536, 28.8325, 29.5306)
contains.

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Color

**XYZ(36.8193, 28.7396,
29.5933)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7A8F
RGB	204, 122, 143
RGB Percent	80%, 48%, 56%
CMY	0.2000, 0.5215, 0.4392
CMYK	0.00, 0.40, 0.30, 0.20
HSL	345°, 45%, 64%
HSV	345°, 40%, 80%
XYZ	36.8193, 28.7396, 29.5933
YIQ	148.9120, 42.1310, 23.9150

Conversions

Conversions Part 2

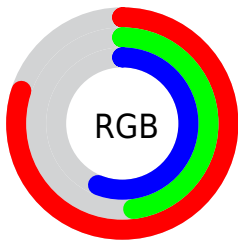
Format	Color
RYB	204, 122, 143
Decimal	13400719
CIELab	60.55, 34.53, 2.43
CIElCh	61, 34.611, 4.032
Yxy	28.7396, 0.3870, 0.3020
Android (android.graphics.Color)	4291590799 (0xFFCC7A8F)
YUV	148.9120, -2.9146, 48.3122
Hunter-Lab	53.6093, 28.7789, 4.7974

Details

The XYZ color **36.8193, 28.7396, 29.5933** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **38.1675, 50.7429, 52.5851**, and the grayscale version is **28.5303, 30.0161, 32.6875**.

A 20% lighter version of the original color is **66.8434, 56.3419, 60.1754**, and **16.4418, 11.5927, 11.7270** is the 20% darker color. If you saturate the color by 10%, you get **33.4993, 23.8167, 23.1930**, and if you desaturate by 10%, it is **40.8222, 34.7790, 36.9893**.

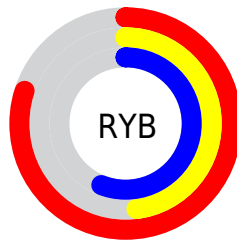
Distribution



Red (80%)

Green (48%)

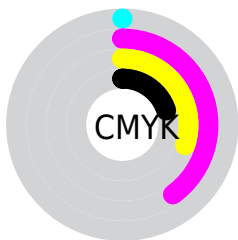
Blue (56%)



Red (80%)

Yellow (48%)

Blue (56%)

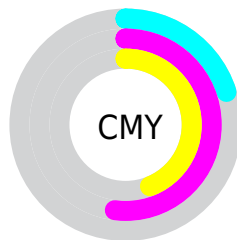


Cyan (0%)

Magenta (40%)

Yellow (30%)

Black (20%)



Cyan (20%)


Magenta (52%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.8193, 28.7396, 29.5933 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 36.8193, 28.7396, 29.5933 by changing the saturation by 10% instead.


 36.8193, 28.7396,
29.5933


 36.8193, 28.7396,
29.5933


323.8967,
295.9843, 314.1522


 25.2406, 18.8839,
19.2807


 69.6104, 57.6631,
60.0718

 16.3861, 11.5864,
11.6944


 91.5536, 77.4997,
81.0747

 9.8904, 6.4627,
6.4159


 117.6823,
101.4321, 106.4782

 5.3880, 3.1284,
3.0268

148.3620,
129.8446, 136.7007

 2.5138, 1.1992,
1.1083

183.9578,
163.1217, 172.1608

 0.9022, 0.0610,
0.0000

224.8354,

 0.0000, 0.0000,

201.6478, 213.2771

0.0000

271.3598,
245.8072, 260.4680

■ 36.8193, 28.7396,
29.5933

■ 36.8193, 28.7396,
29.5933

■ 33.4993, 23.8167,
23.1930

■ 40.8222, 34.7790,
36.9893

■ 30.8205, 19.9372,
17.7429

■ 45.5417, 41.9936,
45.4201

■ 28.7400, 17.0260,
13.1965


■ 51.0122, 50.4430,
54.9250


■ 27.2087, 14.9962,
9.5021


■ 57.2650, 60.1814,
65.5404


■ 26.1688, 13.7446,
6.6026

■ 64.3298, 71.2600,
77.3011

 25.5271, 13.0875,
4.4574

 72.2346, 83.7270,
90.2405

 77.7976, 91.2117,
103.3208

 78.7119, 91.5774,
108.1354

Harmonies

Analogous

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



35.7959, 28.7396, 43.3572



36.8193, 28.7396, 29.5933



35.0770, 28.7396, 19.4380

Triad

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



36.8193, 28.7396, 29.5933



22.7823, 28.7396, 15.0034



23.7225, 28.7396, 59.0533

Complementary

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



36.8193, 28.7396, 29.5933



38.1675, 50.7429, 52.5851

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.



20.7938, 28.7396, 47.1912



36.8193, 28.7396, 29.5933



20.2939, 28.7396, 21.7034

Square

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



36.8193, 28.7396, 29.5933



26.7162, 28.7396, 12.5991



19.6074, 28.7396, 33.0556



27.9250, 28.7396, 62.8337

Rectangle

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



36.8193, 28.7396, 29.5933



32.6822, 28.7396, 15.2976



19.6074, 28.7396, 33.0556



22.5721, 28.7396, 55.7450

Sweetspot

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



36.8201, 28.7410, 29.5939



82.6022, 80.6262, 87.7281



37.1826, 28.2416, 60.6183



17.4151, 16.8469, 18.3194



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.



36.8201, 28.7410, 29.5939



56.2684, 40.6040, 39.9659



37.9603, 33.3330, 22.8473



11.3282, 11.2600, 12.2632



16.0994, 8.2503, 2.9761



0.8622, 0.4383, 0.3204

Inverse Universe

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



36.8201, 28.7410, 29.5939



56.2684, 40.6040, 39.9659



36.2473, 43.1404, 63.5434



11.3282, 11.2600, 12.2632



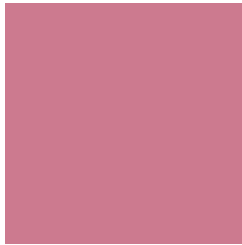
16.0994, 8.2503, 2.9761



0.8622, 0.4383, 0.3204

Previews

White Background



This preview shows how the XYZ color 36.8193, 28.7396, 29.5933 looks on a white background.

Color Contrast Check

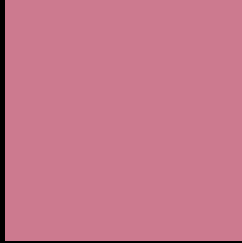
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.8193, 28.7396, 29.5933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

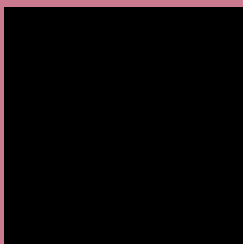
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.8193, 28.7396, 29.5933

Background



This preview shows how black text looks on a background with the XYZ color 36.8193, 28.7396, 29.5933.



This preview shows how white text looks on a background with the XYZ color 36.8193, 28.7396,

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

36.8193, 28.7396, 29.5933

Protanopia

28.2187, 29.1031, 36.0285

Deuteranopia

29.3628, 28.7297, 28.8088



Tritanopia

36.0699, 28.8053, 25.8492

Trichromacy



Original Color

36.8193, 28.7396, 29.5933

Protanomaly

30.5495, 28.3738, 33.5723

Deuteranomaly

31.6929, 28.4383, 29.0180

Tritanomaly

36.2269, 28.6686, 27.2911

Monochromacy



Original Color

36.8193, 28.7396, 29.5933

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.8613, 29.0068, 31.5761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.8193, 28.7396, 29.5933 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(204, 122, 143)` looks like.

```
.text, #text, p{  
    color:rgb(204, 122, 143)  
}
```

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(204, 122, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 122, 143) }
```

Border

The CSS property to change the border of an element to XYZ 36.8193, 28.7396, 29.5933 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(204, 122, 143) }
```


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

```
.border{ border-color:rgb(204, 122, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 122, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 122, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 122, 143);  
box-shadow:4px 4px 4px 4px rgb(204, 122,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 36.8193, 28.7396, 29.5933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 122, 143) }
```

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

```
.background{ background-color: rgb(204,  
122, 143) }
```

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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