

Converting Colors

XYZ(36.4471, 28.0039, 35.3558)

Have a look what the booklet for
XYZ(36.4471, 28.0039, 35.3558)
contains.

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Color

**XYZ(36.3555, 28.0094,
35.3885)**

Conversions

Conversions Part 1

Format	Color
Hex	C7789D
RGB	199, 120, 157
RGB Percent	78%, 47%, 62%
CMY	0.2196, 0.5294, 0.3843
CMYK	0.00, 0.40, 0.21, 0.22
HSL	332°, 41%, 63%
HSV	332°, 40%, 78%
XYZ	36.3555, 28.0094, 35.3885
YIQ	147.8390, 35.2070, 28.2550

Conversions

Conversions Part 2

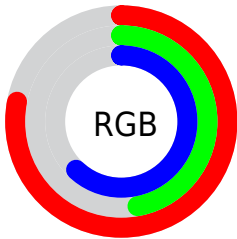
Format	Color
RYB	199, 120, 157
Decimal	13072541
CIELab	59.90, 35.81, -6.65
CIELCh	60, 36.420, 349.477
Yxy	28.0094, 0.3645, 0.2808
Android (android.graphics.Color)	4291262621 (0xFFC7789D)
YUV	147.8390, 4.5164, 44.8682
Hunter-Lab	52.9239, 30.0018, -2.5986

Details

The XYZ color **36.3555, 28.0094, 35.3885** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **34.6920, 47.4494, 41.5149**, and the grayscale version is **28.0535, 29.5145, 32.1413**.

A 20% lighter version of the original color is **68.2597, 56.2856, 69.5539**, and **16.0573, 11.1365, 14.9389** is the 20% darker color. If you saturate the color by 10%, you get **33.3417, 23.3651, 30.1185**, and if you desaturate by 10%, it is **39.9465, 33.6822, 41.2374**.

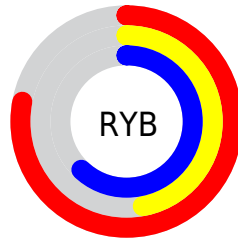
Distribution



Red (78%)

Green (47%)

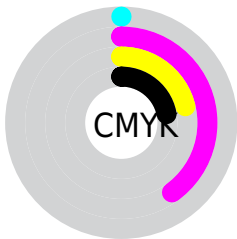
Blue (62%)



Red (78%)

Yellow (47%)

Blue (62%)

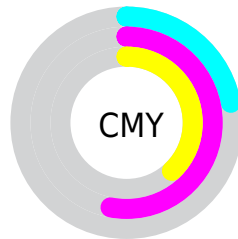


Cyan (0%)

Magenta (40%)

Yellow (21%)

Black (22%)



Cyan (22%)


Magenta (53%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 36.3555, 28.0094, 35.3885 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 36.3555, 28.0094, 35.3885 by changing the saturation by 10% instead.


 36.3555, 28.0094,
35.3885


 36.3555, 28.0094,
35.3885


321.9159,
292.5118, 341.2361

 24.8803, 18.3327,
23.6764


 68.9007, 56.4994,
69.2456

 16.1161, 11.1891,
14.8837


 90.7014, 76.0816,
92.2276

 9.6977, 6.1942,
8.5921

 116.6746, 99.7345,
119.8032

 5.2597, 2.9635,
4.3829

147.1857,
127.8423, 152.3912

 2.4368, 1.1127,
1.8377

182.6000,
160.7896, 190.4099

 0.8635, 0.0000,
0.4526

223.2829,

 0.0000, 0.0000,

198.9606, 234.2779

0.0000

269.5998,
242.7399, 284.4138

■ 36.3555, 28.0094,
35.3885

■ 36.3555, 28.0094,
35.3885

■ 33.3417, 23.3651,
30.1185

■ 39.9465, 33.6822,
41.2374

■ 30.8696, 19.6826,
25.4051

■ 44.1425, 40.4372,
47.6831

■ 28.9035, 16.8933,
21.2265


■ 48.9725, 48.3288,
54.7446


■ 27.4020, 14.9177,
17.5582


■ 54.4626, 57.4067,
62.4393


■ 26.3162, 13.6620,
14.3731


■ 60.6377, 67.7177,
70.7840


 25.5588, 12.9549,
11.6302

 67.5210, 79.3059,
79.7947

 25.5379, 12.9360,
11.5527

 73.7461, 89.4353,
89.0240

 75.2869, 90.0516,
97.1376

 76.9196, 90.7047,
105.7353

Harmonies

Analogous

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



33.9688, 28.0094, 50.2152



36.3555, 28.0094, 35.3885



35.9151, 28.0094, 22.7708

Triad

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



36.3555, 28.0094, 35.3885



23.7662, 28.0094, 12.2389



21.2528, 28.0094, 54.2373

Complementary

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



36.3555, 28.0094, 35.3885



34.6920, 47.4494, 41.5149

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.



19.0887, 28.0094, 39.7999



36.3555, 28.0094, 35.3885



20.4193, 28.0094, 16.7638

Square

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



36.3555, 28.0094, 35.3885



28.2792, 28.0094, 11.6877



18.8023, 28.0094, 26.0792



25.0310, 28.0094, 63.0085

Rectangle

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



36.3555, 28.0094, 35.3885



34.0917, 28.0094, 17.0041



18.8023, 28.0094, 26.0792



20.3319, 28.0094, 49.7199

Sweetspot

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



36.3563, 28.0107, 35.3891



83.5435, 81.0027, 92.6848



31.6876, 25.1161, 57.2110



17.6359, 16.9352, 19.4819



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.



36.3563, 28.0107, 35.3891



58.8587, 41.6401, 53.6063



33.8204, 27.2515, 21.2485



10.8371, 10.7182, 12.1256



16.4648, 8.3355, 7.6574



0.8161, 0.4093, 0.5549

Inverse Universe

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



36.3563, 28.0107, 35.3891



58.8587, 41.6401, 53.6063



38.1772, 48.3608, 61.3556



10.8371, 10.7182, 12.1256



16.4648, 8.3355, 7.6574



0.8161, 0.4093, 0.5549

Previews

White Background



This preview shows how the XYZ color 36.3555, 28.0094, 35.3885 looks on a white background.

Color Contrast Check

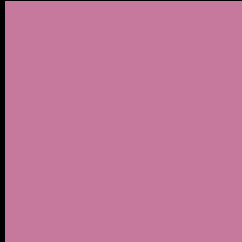
Large Text (above 18pt) WCAG AA ✓ Pass

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 36.3555, 28.0094, 35.3885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

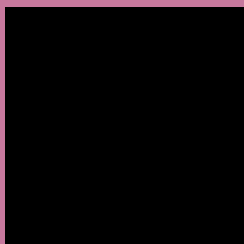
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 36.3555, 28.0094, 35.3885

Background



This preview shows how black text looks on a background with the XYZ color 36.3555, 28.0094, 35.3885.



This preview shows how white text looks on a background with the XYZ color 36.3555, 28.0094,

35.3885.

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

36.3555, 28.0094, 35.3885

Protanopia

27.9163, 28.1124, 42.9846

Deuteranopia

28.7922, 28.3182, 34.0854



Tritanopia

34.5367, 28.0069, 26.1398

Trichromacy



Original Color

36.3555, 28.0094, 35.3885

Protanomaly

30.3370, 27.6950, 40.3060

Deuteranomaly

31.0149, 27.7661, 34.2966

Tritanomaly

35.2541, 28.1247, 29.1617

Monochromacy



Original Color

36.3555, 28.0094, 35.3885

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.6107, 28.6268, 33.1903

CSS Examples

Text

The CSS property to change the color of the text to XYZ 36.3555, 28.0094, 35.3885 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(199, 120, 157)` looks like.

```
.text, #text, p{  
    color:rgb(199, 120, 157)  
}
```

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(199, 120, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 120, 157) }
```

Border

The CSS property to change the border of an element to XYZ 36.3555, 28.0094, 35.3885 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(199, 120, 157) }
```


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

```
.border{ border-color:rgb(199, 120, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 120, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 120, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 120, 157);  
box-shadow:4px 4px 4px 4px rgb(199, 120,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 36.3555, 28.0094, 35.3885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 120, 157) }
```

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

```
.background{ background-color: rgb(199,  
120, 157) }
```

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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