

Converting Colors

XYZ(35.6871, 28.0416, 36.8511)

Have a look what the booklet for
XYZ(35.6871, 28.0416, 36.8511)
contains.

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Color

**XYZ(35.5528, 27.9265,
36.7742)**

Conversions

Conversions Part 1

Format	Color
Hex	C27AA0
RGB	194, 122, 160
RGB Percent	76%, 48%, 63%
CMY	0.2392, 0.5215, 0.3725
CMYK	0.00, 0.37, 0.18, 0.24
HSL	328°, 37%, 62%
HSV	328°, 37%, 76%
XYZ	35.5528, 27.9265, 36.7742
YIQ	147.8600, 30.7140, 27.0820

Conversions

Conversions Part 2

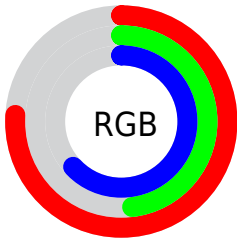
Format	Color
RYB	194, 122, 160
Decimal	12745376
CIELab	59.82, 33.44, -8.55
CIELCh	60, 34.516, 345.653
Yxy	27.9265, 0.3546, 0.2786
Android (android.graphics.Color)	4290935456 (0xFFC27AA0)
YUV	147.8600, 5.9850, 40.4648
Hunter-Lab	52.8455, 27.6095, -4.2669

Details

The XYZ color **35.5528, 27.9265, 36.7742** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **33.3198, 45.1221, 38.4079**, and the grayscale version is **28.0576, 29.5188, 32.1460**.

A 20% lighter version of the original color is **67.7406, 56.2617, 71.5793**, and **15.7251, 11.2278, 15.8064** is the 20% darker color. If you saturate the color by 10%, you get **32.6321, 23.3206, 31.9911**, and if you desaturate by 10%, it is **39.0096, 33.5095, 42.0280**.

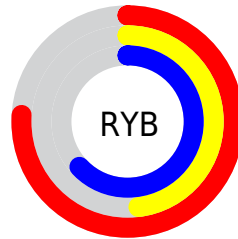
Distribution



Red (76%)

Green (48%)

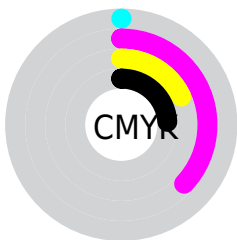
Blue (63%)



Red (76%)

Yellow (48%)

Blue (63%)

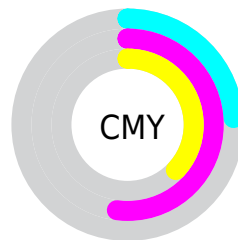


Cyan (0%)

Magenta (37%)

Yellow (18%)

Black (24%)



Cyan (24%)


Magenta (52%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.5528, 27.9265, 36.7742 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 35.5528, 27.9265, 36.7742 by changing the saturation by 10% instead.


 35.5528, 27.9265,
36.7742


 35.5528, 27.9265,
36.7742

318.4671,
292.1155, 347.4711


 24.2575, 18.2703,
24.7383


 67.6697, 56.3671,
71.4078

 15.6505, 11.1442,
15.6649


 89.2219, 75.9202,
94.8426

 9.3665, 6.1639,
9.1356


 114.9240, 99.5411,
122.9141

 5.0400, 2.9450,
4.7317

145.1410,
127.6141, 156.0408

 2.3057, 1.1031,
2.0348

180.2385,
160.5237, 194.6414

 0.7976, 0.0000,
0.5765

220.5818,

 0.0000, 0.0000,

198.6542, 239.1342

0.0000

266.5362,
242.3900, 289.9380

■ 35.5528, 27.9265,
36.7742

■ 35.5528, 27.9265,
36.7742

■ 32.6321, 23.3206,
31.9911

■ 39.0096, 33.5095,
42.0280

■ 30.2155, 19.6306,
27.6610

■ 43.0275, 40.1185,
47.7661

■ 28.2709, 16.7943,
23.7669


■ 47.6327, 47.8035,
54.0032


■ 26.7614, 14.7400,
20.2900

■ 52.8489, 56.6104,
60.7531


■ 25.6442, 13.3842,
17.2089


■ 58.6985, 66.5821,
68.0288


 24.8605, 12.6116,
14.4969

 65.2029, 77.7595,
75.8427

 24.6656, 12.4363,
13.7709

 71.4807, 88.3784,
83.9063

 72.7582, 88.8894,
90.6336

 74.1038, 89.4276,
97.7191

Harmonies

Analogous

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



33.0229, 27.9265, 50.5407



35.5528, 27.9265, 36.7742



35.4925, 27.9265, 24.3608

Triad

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



35.5528, 27.9265, 36.7742



24.3383, 27.9265, 12.6120



21.0882, 27.9265, 51.0874

Complementary

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



35.5528, 27.9265, 36.7742



33.3198, 45.1221, 38.4079

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.



19.2411, 27.9265, 37.3795



35.5528, 27.9265, 36.7742



20.9721, 27.9265, 16.4878

Square

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



35.5528, 27.9265, 36.7742



28.6822, 27.9265, 12.5332



19.2010, 27.9265, 24.8211



24.5135, 27.9265, 60.2184

Rectangle

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



35.5528, 27.9265, 36.7742



33.9799, 27.9265, 18.4184



19.2010, 27.9265, 24.8211



20.2795, 27.9265, 46.7169

Sweetspot

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



35.5536, 27.9278, 36.7748



82.7766, 80.7093, 93.1374



30.3314, 24.8438, 54.2358



17.8736, 17.2512, 20.0530



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.



35.5536, 27.9278, 36.7748



59.8044, 43.3150, 59.1206



32.8722, 26.8552, 22.6544



10.2903, 10.1647, 11.6192



16.2586, 8.1932, 9.2738



0.7371, 0.3679, 0.5830

Inverse Universe

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



35.5536, 27.9278, 36.7748



59.8044, 43.3150, 59.1206



36.7888, 46.5098, 56.6757



10.2903, 10.1647, 11.6192



16.2586, 8.1932, 9.2738



0.7371, 0.3679, 0.5830

Previews

White Background



This preview shows how the XYZ color 35.5528, 27.9265, 36.7742 looks on a white background.

Color Contrast Check

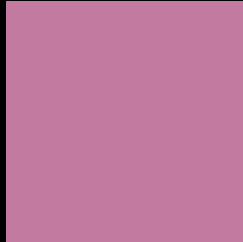
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.5528, 27.9265, 36.7742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

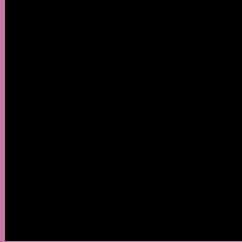
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 35.5528, 27.9265, 36.7742

Background



This preview shows how black text looks on a background with the XYZ color 35.5528, 27.9265, 36.7742.



This preview shows how white text looks on a background with the XYZ color 35.5528, 27.9265,

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

35.5528, 27.9265, 36.7742

Protanopia

27.9437, 28.1042, 43.9963

Deuteranopia

28.6008, 27.9628, 35.7882



Tritanopia

33.3906, 27.7756, 26.8939

Trichromacy



Original Color

35.5528, 27.9265, 36.7742

Protanomaly

29.9260, 27.4616, 41.2595

Deuteranomaly

30.7075, 27.5685, 36.0505

Tritanomaly

34.1827, 27.9180, 30.3752

Monochromacy



Original Color

35.5528, 27.9265, 36.7742

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

30.4172, 28.7316, 33.6484

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.5528, 27.9265, 36.7742 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(194, 122, 160)` looks like.

```
.text, #text, p{  
    color:rgb(194, 122, 160)  
}
```

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(194, 122, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 122, 160) }
```

Border

The CSS property to change the border of an element to XYZ 35.5528, 27.9265, 36.7742 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(194, 122, 160) }
```


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

```
.border{ border-color:rgb(194, 122, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 122, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 122, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 122, 160);  
box-shadow:4px 4px 4px 4px rgb(194, 122,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 35.5528, 27.9265, 36.7742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 122, 160) }
```

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

```
.background{ background-color: rgb(194,  
122, 160) }
```

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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