

Converting Colors

XYZ(30.6622, 27.1636, 35.8708)

Have a look what the booklet for
XYZ(30.6622, 27.1636, 35.8708)
contains.

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Color

**XYZ(30.6500, 27.1362,
35.9701)**

Conversions

Conversions Part 1

Format	Color
Hex	A9839E
RGB	169, 131, 158
RGB Percent	66%, 51%, 62%
CMY	0.3373, 0.4863, 0.3804
CMYK	0.00, 0.22, 0.07, 0.34
HSL	317°, 18%, 59%
HSV	317°, 22%, 66%
XYZ	30.6500, 27.1362, 35.9701
YIQ	145.4400, 13.9810, 16.4530

Conversions

Conversions Part 2

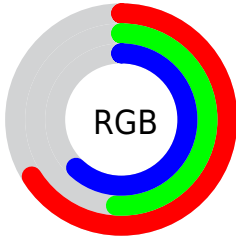
Format	Color
R_{YB}	169, 131, 158
Decimal	11109278
CIE _{Lab}	59.10, 19.17, -8.78
CIE _{LCh}	59, 21.079, 335.400
Yxy	27.1362, 0.3269, 0.2894
Android (android.graphics.Color)	4289299358 (0xFFA9839E)
YUV	145.4400, 6.1921, 20.6621
Hunter-Lab	52.0924, 13.8636, -4.4754

Details

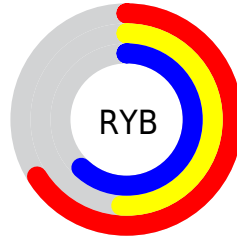
The XYZ color **30.6500, 27.1362, 35.9701** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **28.4316, 35.1549, 30.8798**, and the grayscale version is **27.0649, 28.4744, 31.0086**.

A 20% lighter version of the original color is **60.2021, 55.0926, 70.4117**, and **12.7987, 10.6594, 15.2928** is the 20% darker color. If you saturate the color by 10%, you get **28.1501, 22.7967, 33.1004**, and if you desaturate by 10%, it is **33.5385, 32.2253, 39.0527**.

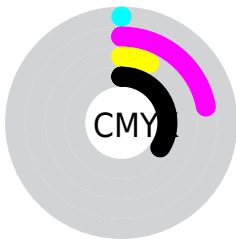
Distribution



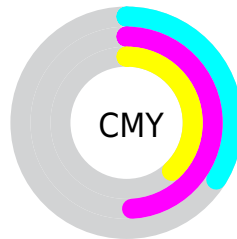
- Red (66%)
- Green (51%)
- Blue (62%)



- Red (66%)
- Yellow (51%)
- Blue (62%)



- Cyan (0%)
- Magenta (22%)
- Yellow (7%)
- Black (34%)





- Cyan (34%)
- Magenta (49%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.6500, 27.1362, 35.9701 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 30.6500, 27.1362, 35.9701 by changing the saturation by 10% instead.


 30.6500, 27.1362,
35.9701


 30.6500, 27.1362,
35.9701


296.7784,
288.3160, 343.8633

 20.4830, 17.6755,
24.1216


 60.0682, 55.1023,
70.1544

 12.8569, 10.7173,
15.2108


 80.0501, 74.3766,
93.3274

 7.4064, 5.8771,
8.8192

 104.0344, 97.6909,
121.1121

 3.7661, 2.7705,
4.5282

132.3864,
125.4296, 153.9274

 1.5707, 1.0131,
1.9194

165.4714,
157.9770, 192.1916

 0.3732, 0.0000,
0.5050

203.6548,

 0.0000, 0.0000,

195.7176, 236.3232

0.0000

247.3020,
239.0358, 286.7410

■ 30.6500, 27.1362,
35.9701

■ 30.6500, 27.1362,
35.9701

■ 28.1501, 22.7967,
33.1004

■ 33.5385, 32.2253,
39.0527

■ 26.0183, 19.1672,
30.4349

■ 36.8301, 38.0939,
42.3530

■ 24.2358, 16.2100,
27.9666

■ 40.5415, 44.7746,
45.8778

■ 22.7810, 13.8825,
25.6874

■ 44.6877, 52.2972,
49.6330

■ 21.6301, 12.1370,
23.5884

■ 49.2829, 60.6898,
53.6243

■ 20.7556, 10.9193,
21.6593

■ 54.3407, 69.9794,
57.8571

■ 20.1250, 10.1644,
19.8882

■ 59.8742, 80.1916,
62.3365

■ 19.7571, 9.7930,
18.6422

■ 62.2166, 83.9928,
65.8412

■ 62.7870, 84.2210,
68.8450

Harmonies

Analogous

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



28.8224, 27.1362, 42.9391



30.6500, 27.1362, 35.9701



31.1406, 27.1362, 28.2095

Triad

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



30.6500, 27.1362, 35.9701



25.3209, 27.1362, 17.3831



21.8992, 27.1362, 38.7188

Complementary

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



30.6500, 27.1362, 35.9701



28.4316, 35.1549, 30.8798

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.



21.0941, 27.1362, 30.9255



30.6500, 27.1362, 35.9701



22.9821, 27.1362, 19.2761

Square

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



30.6500, 27.1362, 35.9701



27.9470, 27.1362, 18.2726



21.4768, 27.1362, 23.9375



23.7510, 27.1362, 44.7050

Rectangle

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



30.6500, 27.1362, 35.9701



30.6167, 27.1362, 23.7793



21.4768, 27.1362, 23.9375



21.5031, 27.1362, 36.1785

Sweetspot

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



30.6508, 27.1374, 35.9707



63.1317, 63.1670, 73.0580



26.3942, 24.8287, 40.9378



13.6884, 13.6401, 15.8518



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



30.6508, 27.1374, 35.9707



52.5695, 44.5509, 61.8041



29.1567, 26.5398, 28.1028



7.7479, 7.6290, 8.9899



14.7487, 7.3082, 14.0203



0.3794, 0.1860, 0.4492

Inverse Universe

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



30.6508, 27.1374, 35.9707



52.5695, 44.5509, 61.8041



29.9614, 35.7669, 38.9357



7.7479, 7.6290, 8.9899



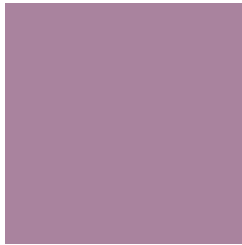
14.7487, 7.3082, 14.0203



0.3794, 0.1860, 0.4492

Previews

White Background



This preview shows how the XYZ color 30.6500, 27.1362, 35.9701 looks on a white background.

Color Contrast Check

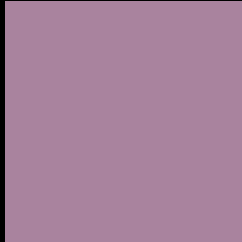
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6500, 27.1362, 35.9701 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

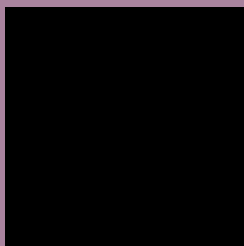
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.6500, 27.1362, 35.9701

Background



This preview shows how black text looks on a background with the XYZ color 30.6500, 27.1362, 35.9701.



This preview shows how white text looks on a background with the XYZ color 30.6500, 27.1362,

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

30.6500, 27.1362, 35.9701

Protanopia

26.7976, 27.1696, 39.4292

Deuteranopia

27.8961, 27.3836, 35.7136



Tritanopia

29.3579, 27.0042, 30.0506

Trichromacy



Original Color

30.6500, 27.1362, 35.9701

Protanomaly

27.8617, 26.8895, 37.9041

Deuteranomaly

28.7946, 27.2107, 35.6328

Tritanomaly

29.8245, 26.9973, 32.0728

Monochromacy



Original Color

30.6500, 27.1362, 35.9701

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.2095, 27.8282, 32.7387

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6500, 27.1362, 35.9701 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(169, 131, 158)` looks like.

```
.text, #text, p{  
    color:rgb(169, 131, 158)  
}
```

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(169, 131, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 131, 158) }
```

Border

The CSS property to change the border of an element to XYZ 30.6500, 27.1362, 35.9701 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(169, 131, 158) }
```


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

```
.border{ border-color:rgb(169, 131, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 131, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 131, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 131, 158);  
box-shadow:4px 4px 4px 4px rgb(169, 131,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6500, 27.1362, 35.9701 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 131, 158) }
```

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

```
.background{ background-color: rgb(169,  
131, 158) }
```

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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