

Converting Colors

XYZ(30.6034, 27.4599, 36.7398)

Have a look what the booklet for
XYZ(30.6034, 27.4599, 36.7398)
contains.

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Color

**XYZ(30.6690, 27.5286,
36.9548)**

Conversions

Conversions Part 1

Format	Color
Hex	A785A0
RGB	167, 133, 160
RGB Percent	65%, 52%, 63%
CMY	0.3451, 0.4784, 0.3725
CMYK	0.00, 0.20, 0.04, 0.35
HSL	312°, 16%, 59%
HSV	312°, 20%, 65%
XYZ	30.6690, 27.5286, 36.9548
YIQ	146.2440, 11.5970, 15.6050

Conversions

Conversions Part 2

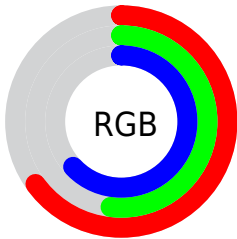
Format	Color
R_{YB}	167, 133, 160
Decimal	10978720
CIE _{Lab}	59.46, 17.68, -9.40
CIE _{LCh}	59, 20.029, 331.996
Yxy	27.5286, 0.3223, 0.2893
Android (android.graphics.Color)	4289168800 (0xFFA785A0)
YUV	146.2440, 6.7817, 18.2030
Hunter-Lab	52.4677, 12.5203, -5.0326

Details

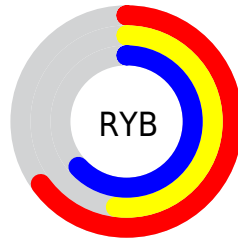
The XYZ color **30.6690, 27.5286, 36.9548** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **28.2263, 34.5181, 29.9874**, and the grayscale version is **27.3921, 28.8186, 31.3834**.

A 20% lighter version of the original color is **59.9488, 55.5537, 71.8533**, and **12.9238, 10.9355, 15.8976** is the 20% darker color. If you saturate the color by 10%, you get **28.2655, 23.1959, 34.6902**, and if you desaturate by 10%, it is **33.4460, 32.5941, 39.3856**.

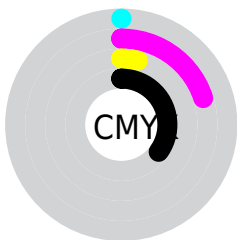
Distribution



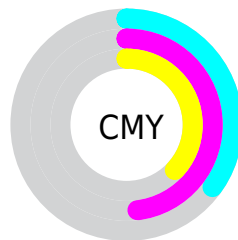
- Red (65%)
- Green (52%)
- Blue (63%)



- Red (65%)
- Yellow (52%)
- Blue (63%)



- Cyan (0%)
- Magenta (20%)
- Yellow (4%)
- Black (35%)





- Cyan (35%)
- Magenta (48%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6690, 27.5286, 36.9548 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 30.6690, 27.5286, 36.9548 by changing the saturation by 10% instead.


 30.6690, 27.5286,
36.9548


 30.6690, 27.5286,
36.9548


296.8647,
290.2075, 348.2776

 20.4975, 17.9706,
24.8770


 60.0980, 55.7309,
71.6888

 12.8676, 10.9289,
15.7672


 80.0862, 75.1441,
95.1821

 7.4138, 6.0190,
9.2070


 104.0773, 98.6111,
123.3176

 3.7708, 2.8567,
4.7778

132.4367,
126.5163, 156.5139

 1.5733, 1.0574,
2.0610

165.5298,
159.2442, 195.1895

 0.3749, 0.0000,
0.5924

203.7220,

 0.0000, 0.0000,

197.1791, 239.7629

0.0000

247.3785,
240.7054, 290.6528

■ 30.6690, 27.5286,
36.9548

■ 30.6690, 27.5286,
36.9548

■ 28.2655, 23.1959,
34.6902

■ 33.4460, 32.5941,
39.3856

■ 26.2158, 19.5581,
32.5840

■ 36.6101, 38.4207,
41.9864

■ 24.5021, 16.5792,
30.6301

■ 40.1772, 45.0398,
44.7634

■ 23.1042, 14.2189,
28.8216

■ 44.1616, 52.4800,
47.7214

■ 21.9994, 12.4319,
27.1505

■ 48.5769, 60.7682,
50.8654

■ 21.1622, 11.1673,
25.6080

■ 53.4361, 69.9303,
54.1999

■ 20.5624, 10.3648,
24.1837

■ 58.7516, 79.9911,
57.7295

■ 20.1436, 9.8984,
22.9001

■ 60.7208, 83.3453,
60.1870

■ 61.0947, 83.4949,
62.1562

Harmonies

Analogous

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



28.8107, 27.5286, 43.3135



30.6690, 27.5286, 36.9548



31.2991, 27.5286, 29.4943

Triad

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



30.6690, 27.5286, 36.9548



25.9971, 27.5286, 18.1587



22.2762, 27.5286, 37.9235

Complementary

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



30.6690, 27.5286, 36.9548



28.2263, 34.5181, 29.9874

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.



21.6256, 27.5286, 30.4588



30.6690, 27.5286, 36.9548



23.6866, 27.5286, 19.7000

Square

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



30.6690, 27.5286, 36.9548



28.5009, 27.5286, 19.3377



22.1253, 27.5286, 23.9328



23.9606, 27.5286, 43.9328

Rectangle

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



30.6690, 27.5286, 36.9548



30.9076, 27.5286, 25.0823



22.1253, 27.5286, 23.9328



21.9344, 27.5286, 35.4635

Sweetspot

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



30.6698, 27.5298, 36.9554



62.2201, 62.6368, 72.4775



26.1453, 25.1246, 40.0311



13.8463, 13.8745, 16.1551



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.



30.6698, 27.5298, 36.9554



53.0928, 45.9845, 64.4950



29.2979, 26.9810, 29.7310



7.7747, 7.6398, 9.1310



15.4319, 7.5815, 17.6179



0.3917, 0.1910, 0.5143

Inverse Universe

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



30.6698, 27.5298, 36.9554



53.0928, 45.9845, 64.4950



29.5612, 35.0521, 37.0173



7.7747, 7.6398, 9.1310



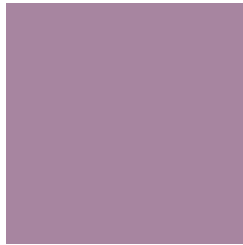
15.4319, 7.5815, 17.6179



0.3917, 0.1910, 0.5143

Previews

White Background



This preview shows how the XYZ color 30.6690, 27.5286, 36.9548 looks on a white background.

Color Contrast Check

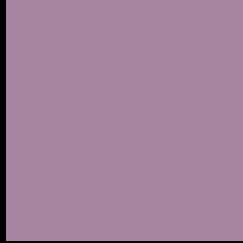
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6690, 27.5286, 36.9548 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 30.6690, 27.5286, 36.9548

Background



This preview shows how black text looks on a background with the XYZ color 30.6690, 27.5286, 36.9548.



This preview shows how white text looks on a background with the XYZ color 30.6690, 27.5286,

36.9548.

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

30.6690, 27.5286, 36.9548

Protanopia

27.2034, 27.5881, 39.9677

Deuteranopia

28.0683, 27.4525, 36.6204



Tritanopia

29.3693, 27.4026, 30.9354

Trichromacy



Original Color

30.6690, 27.5286, 36.9548

Protanomaly

28.3279, 27.5351, 38.9437

Deuteranomaly

28.9140, 27.4624, 36.5777

Tritanomaly

29.8369, 27.3916, 32.9927

Monochromacy



Original Color

30.6690, 27.5286, 36.9548

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

28.4372, 28.1541, 33.2136

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6690, 27.5286, 36.9548 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(167, 133, 160)` looks like.

```
.text, #text, p{  
    color:rgb(167, 133, 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(167, 133, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 133, 160) }
```

Border

The CSS property to change the border of an element to XYZ 30.6690, 27.5286, 36.9548 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(167, 133, 160) }
```


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

```
.border{ border-color:rgb(167, 133, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 133, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 133, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 133, 160);  
box-shadow:4px 4px 4px 4px rgb(167, 133,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6690, 27.5286, 36.9548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 133, 160) }
```

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

```
.background{ background-color: rgb(167,  
133, 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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