

Converting Colors

XYZ(29.8956, 26.8923, 36.9721)

Have a look what the booklet for
XYZ(29.8956, 26.8923, 36.9721)
contains.

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Color

**XYZ(29.9063, 26.9331,
36.8801)**

Conversions

Conversions Part 1

Format	Color
Hex	A484A0
RGB	164, 132, 160
RGB Percent	64%, 52%, 63%
CMY	0.3569, 0.4823, 0.3725
CMYK	0.00, 0.20, 0.02, 0.36
HSL	308°, 15%, 58%
HSV	308°, 20%, 64%
XYZ	29.9063, 26.9331, 36.8801
YIQ	144.7600, 10.0840, 15.4920

Conversions

Conversions Part 2

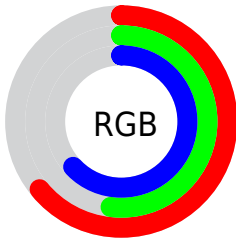
Format	Color
RYB	164, 132, 160
Decimal	10781856
CIELab	58.91, 17.18, -10.26
CIELCh	59, 20.008, 329.166
Yxy	26.9331, 0.3191, 0.2874
Android (android.graphics.Color)	4288971936 (0xFFA484A0)
YUV	144.7600, 7.5133, 16.8735
Hunter-Lab	51.8971, 12.0427, -5.8058

Details

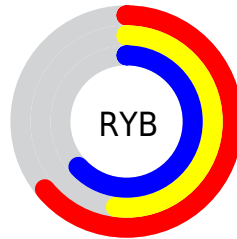
The XYZ color **29.9063, 26.9331, 36.8801** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **27.2362, 33.2349, 28.2735**, and the grayscale version is **26.7846, 28.1795, 30.6874**.

A 20% lighter version of the original color is **58.8281, 54.6643, 71.7407**, and **12.4597, 10.5835, 15.8541** is the 20% darker color. If you saturate the color by 10%, you get **27.6772, 22.7591, 35.2597**, and if you desaturate by 10%, it is **32.4896, 31.8098, 38.6338**.

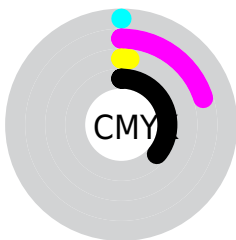
Distribution



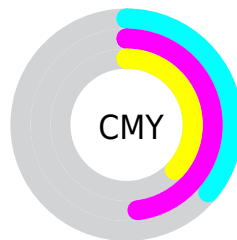
- Red (64%)
- Green (52%)
- Blue (63%)



- Red (64%)
- Yellow (52%)
- Blue (63%)



- Cyan (0%)
- Magenta (20%)
- Yellow (2%)
- Black (36%)



- Cyan (36%)
- Magenta (48%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.9063, 26.9331, 36.8801 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 29.9063, 26.9331, 36.8801 by changing the saturation by 10% instead.

■ 29.9063, 26.9331,
36.8801

■ 29.9063, 26.9331,
36.8801

293.3851,
287.3331, 347.9442

■ 19.9152, 17.5230,
24.8196

■ 58.9016, 54.7765,
71.5726

■ 12.4413, 10.6081,
15.7249

■ 78.6365, 73.9786,
95.0417

■ 7.1193, 5.8039,
9.1775

■ 102.3501, 97.2134,
123.1508

■ 3.5838, 2.7262,
4.7587

130.4077,
124.8654, 156.3183

■ 1.4695, 0.9905,
2.0502

163.1746,
157.3190, 194.9629

■ 0.3049, 0.0000,
0.5859

201.0163,

■ 0.0000, 0.0000,

194.9585, 239.5030

0.0000

244.2980,
238.1684, 290.3573

■ 29.9063, 26.9331,
36.8801

■ 29.9063, 26.9331,
36.8801

■ 27.6772, 22.7591,
35.2597

■ 32.4896, 31.8098,
38.6338

■ 25.7835, 19.2519,
33.7652

■ 35.4399, 37.4163,
40.5242

■ 24.2086, 16.3772,
32.3915

■ 38.7724, 43.7822,
42.5568

■ 22.9330, 14.0968,
31.1320

■ 42.5006, 50.9348,
44.7360

■ 21.9357, 12.3680,
29.9795

■ 46.6374, 58.8998,
47.0664

■ 21.1923, 11.1427,
28.9260

■ 51.1951, 67.7019,
49.5519

■ 20.6747, 10.3643,
27.9618

■ 56.1856, 77.3645,
52.1968

■ 20.3222, 9.9114,
27.0668

■ 58.9466, 82.5632,
54.1135

■ 20.3058, 9.8909,
27.0237

■ 59.1516, 82.6453,
55.1934

Harmonies

Analogous

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



27.9889, 26.9331, 42.9082



29.9063, 26.9331, 36.8801



30.6580, 26.9331, 29.5245

Triad

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



29.9063, 26.9331, 36.8801



25.6685, 26.9331, 17.7005



21.6646, 26.9331, 36.4810

Complementary

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



29.9063, 26.9331, 36.8801



27.2362, 33.2349, 28.2735

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.



21.1297, 26.9331, 29.1276



29.9063, 26.9331, 36.8801



23.3494, 26.9331, 18.9624

Square

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



29.9063, 26.9331, 36.8801



28.1164, 26.9331, 19.1112



21.7267, 26.9331, 22.8803



23.2367, 26.9331, 42.6529

Rectangle

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



29.9063, 26.9331, 36.8801



30.3621, 26.9331, 25.0751



21.7267, 26.9331, 22.8803



21.3622, 26.9331, 34.0311

Sweetspot

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



29.9071, 26.9343, 36.8807



60.7165, 61.0454, 71.2633



25.0634, 24.3961, 38.5105



13.2046, 13.2144, 15.5347



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



29.9071, 26.9343, 36.8807



52.6234, 45.7688, 65.7615



28.6165, 26.4180, 30.0846



7.3260, 7.1869, 8.7033



15.5812, 7.5886, 20.7832



0.3374, 0.1634, 0.4892

Inverse Universe

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



29.9071, 26.9343, 36.8807



52.6234, 45.7688, 65.7615



28.4378, 33.7155, 34.6012



7.3260, 7.1869, 8.7033



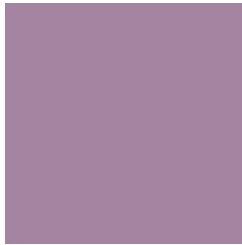
15.5812, 7.5886, 20.7832



0.3374, 0.1634, 0.4892

Previews

White Background



This preview shows how the XYZ color 29.9063, 26.9331, 36.8801 looks on a white background.

Color Contrast Check

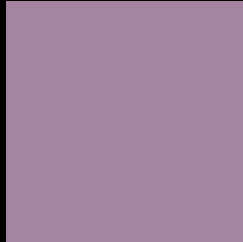
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.9063, 26.9331, 36.8801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

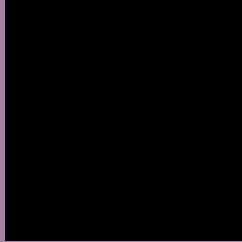
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.9063, 26.9331, 36.8801

Background



This preview shows how black text looks on a background with the XYZ color 29.9063, 26.9331, 36.8801.



This preview shows how white text looks on a background with the XYZ color 29.9063, 26.9331,

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

29.9063, 26.9331, 36.8801

Protanopia

26.7243, 27.1213, 39.9028

Deuteranopia

27.5592, 26.9761, 36.5553



Tritanopia

28.6751, 27.0537, 30.4986

Trichromacy



Original Color

29.9063, 26.9331, 36.8801

Protanomaly

27.8219, 27.0603, 38.8788

Deuteranomaly

28.3886, 26.9815, 36.5126

Tritanomaly

29.1344, 27.0387, 32.5376

Monochromacy



Original Color

29.9063, 26.9331, 36.8801

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.8320, 27.6336, 32.7211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.9063, 26.9331, 36.8801 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(164, 132, 160)` looks like.

```
.text, #text, p{  
    color:rgb(164, 132, 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(164, 132, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 132, 160) }
```

Border

The CSS property to change the border of an element to XYZ 29.9063, 26.9331, 36.8801 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(164, 132, 160) }
```


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

```
.border{ border-color:rgb(164, 132, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 132, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 132, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 132, 160);  
box-shadow:4px 4px 4px 4px rgb(164, 132,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 29.9063, 26.9331, 36.8801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 132, 160) }
```

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

```
.background{ background-color: rgb(164,  
132, 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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