

Converting Colors

XYZ(29.7109, 28.5838, 33.5901)

Have a look what the booklet for
XYZ(29.7109, 28.5838, 33.5901)
contains.

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Color

**XYZ(29.7435, 28.6002,
33.6585)**

Conversions

Conversions Part 1

Format	Color
Hex	A18C98
RGB	161, 140, 152
RGB Percent	63%, 55%, 60%
CMY	0.3686, 0.4510, 0.4039
CMYK	0.00, 0.13, 0.06, 0.37
HSL	326°, 10%, 59%
HSV	326°, 13%, 63%
XYZ	29.7435, 28.6002, 33.6585
YIQ	147.6470, 8.6640, 8.1840

Conversions

Conversions Part 2

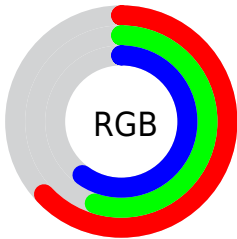
Format	Color
RYB	161, 140, 152
Decimal	10587288
CIELab	60.43, 10.03, -3.46
CIELCh	60, 10.612, 340.973
Yxy	28.6002, 0.3233, 0.3109
Android (android.graphics.Color)	4288777368 (0xFFA18C98)
YUV	147.6470, 2.1460, 11.7106
Hunter-Lab	53.4792, 5.6878, 0.1197

Details

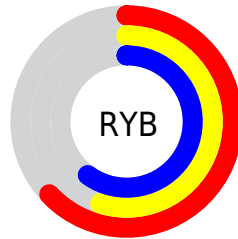
The XYZ color **29.7435, 28.6002, 33.6585** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.9860, 33.2359, 33.3227**, and the grayscale version is **27.9908, 29.4485, 32.0695**.

A 20% lighter version of the original color is **58.7513, 57.6387, 66.4214**, and **12.3118, 11.5031, 13.8833** is the 20% darker color. If you saturate the color by 10%, you get **27.0123, 24.0158, 30.0403**, and if you desaturate by 10%, it is **32.8535, 33.8888, 37.5659**.

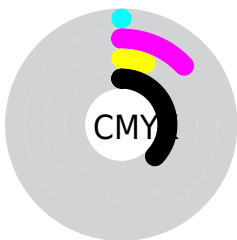
Distribution



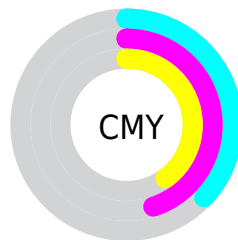
- Red (63%)
- Green (55%)
- Blue (60%)



- Red (63%)
- Yellow (55%)
- Blue (60%)



- Cyan (0%)
- Magenta (13%)
- Yellow (6%)
- Black (37%)



- Cyan (37%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.7435, 28.6002, 33.6585 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 29.7435, 28.6002, 33.6585 by changing the saturation by 10% instead.

■ 29.7435, 28.6002,
33.6585

■ 29.7435, 28.6002,
33.6585

292.6383,
295.3239, 333.3292

■ 19.7911, 18.7786,
22.3561

■ 58.6457, 57.4413,
66.5301

■ 12.3507, 11.5104,
13.9180

■ 78.3262, 77.2295,
88.9364

■ 7.0569, 6.4112,
7.9256

■ 101.9802,
101.1088, 115.8810

■ 3.5443, 3.0967,
3.9603

129.9728,
129.4634, 147.7826

■ 1.4477, 1.1824,
1.6036

162.6696,
162.6779, 185.0597

■ 0.2898, 0.0473,
0.2934

200.4359,

■ 0.0000, 0.0000,

201.1365, 228.1308

0.0000

243.6370,
245.2237, 277.4144

■ 29.7435, 28.6002,
33.6585

■ 29.7435, 28.6002,
33.6585

■ 27.0123, 24.0158,
30.0403

■ 32.8535, 33.8888,
37.5659

■ 24.6419, 20.1016,
26.7017

■ 36.3543, 39.9058,
41.7681

■ 22.6166, 16.8270,
23.6348

■ 40.2605, 46.6793,
46.2731

■ 20.9186, 14.1569,
20.8308

■ 44.5851, 54.2344,
51.0875

■ 19.5282, 12.0531,
18.2803

■ 49.3406, 62.5953,
56.2182

■ 18.4237, 10.4732,
15.9729

■ 54.5389, 71.7850,
61.6715

■ 17.5802, 9.3683,
13.8972

■ 60.1914, 81.8257,
67.4536

■ 16.9682, 8.6804,
12.0400

■ 61.7461, 83.6123,
72.0495

■ 16.6295, 8.3497,
10.8585

■ 62.6097, 83.9578,
76.5971

Harmonies

Analogous

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



28.9428, 28.6002, 37.1736



29.7435, 28.6002, 33.6585



29.8450, 28.6002, 29.7305

Triad

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



29.7435, 28.6002, 33.6585



26.6867, 28.6002, 24.3233



25.2480, 28.6002, 36.3390

Complementary

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



29.7435, 28.6002, 33.6585



28.9860, 33.2359, 33.3227

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.



24.6854, 28.6002, 32.5949



29.7435, 28.6002, 33.6585



25.4972, 28.6002, 25.7987

Square

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



29.7435, 28.6002, 33.6585



28.0491, 28.6002, 24.5560



24.7750, 28.6002, 28.7518



26.3362, 28.6002, 38.8085

Rectangle

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



29.7435, 28.6002, 33.6585



29.4988, 28.6002, 27.4272



24.7750, 28.6002, 28.7518



24.9929, 28.6002, 35.1753

Sweetspot

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



29.7443, 28.6015, 33.6591



58.2297, 59.6529, 66.5292



28.1611, 27.6968, 37.5804



12.6791, 12.9265, 14.4778



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



29.7443, 28.6015, 33.6591



51.6016, 48.4104, 58.1120



28.9407, 28.2800, 29.4275



7.2354, 7.1506, 8.2259



13.3021, 6.6769, 8.7813



0.3025, 0.1495, 0.3058

Inverse Universe

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



29.7443, 28.6015, 33.6591



51.6016, 48.4104, 58.1120



29.8407, 33.5777, 37.8236



7.2354, 7.1506, 8.2259



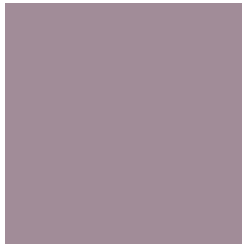
13.3021, 6.6769, 8.7813



0.3025, 0.1495, 0.3058

Previews

White Background



This preview shows how the XYZ color 29.7435, 28.6002, 33.6585 looks on a white background.

Color Contrast Check

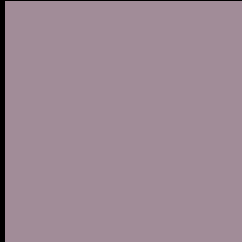
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7435, 28.6002, 33.6585 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 29.7435, 28.6002, 33.6585

Background



This preview shows how black text looks on a background with the XYZ color 29.7435, 28.6002, 33.6585.



This preview shows how white text looks on a background with the XYZ color 29.7435, 28.6002,

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

29.7435, 28.6002, 33.6585

Protanopia

27.8959, 28.7283, 35.0852

Deuteranopia

29.0970, 28.4848, 33.6703



Tritanopia

29.6619, 28.5676, 33.2289

Trichromacy



Original Color

29.7435, 28.6002, 33.6585

Protanomaly

28.4177, 28.5573, 34.5862

Deuteranomaly

29.2929, 28.5859, 33.6795

Tritanomaly

29.6619, 28.5676, 33.2289

Monochromacy



Original Color

29.7435, 28.6002, 33.6585

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.6871, 29.1930, 32.5566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.7435, 28.6002, 33.6585 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(161, 140, 152)` looks like.

```
.text, #text, p{  
    color:rgb(161, 140, 152)  
}
```

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(161, 140, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 140, 152) }
```

Border

The CSS property to change the border of an element to XYZ 29.7435, 28.6002, 33.6585 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(161, 140, 152) }
```


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

```
.border{ border-color:rgb(161, 140, 152) }
```

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

Here you see how a box with a 4 pixel rgb(161, 140, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 140, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 140, 152);  
box-shadow:4px 4px 4px 4px rgb(161, 140,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 29.7435, 28.6002, 33.6585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 140, 152) }
```

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

```
.background{ background-color: rgb(161,  
140, 152) }
```

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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