

Converting Colors

XYZ(32.1579, 29.5682, 33.6064)

Have a look what the booklet for
XYZ(32.1579, 29.5682, 33.6064)
contains.

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Color

**XYZ(32.1337, 29.6165,
33.7287)**

Conversions

Conversions Part 1

Format	Color
Hex	AD8B98
RGB	173, 139, 152
RGB Percent	68%, 55%, 60%
CMY	0.3216, 0.4549, 0.4039
CMYK	0.00, 0.20, 0.12, 0.32
HSL	337°, 17%, 61%
HSV	337°, 20%, 68%
XYZ	32.1337, 29.6165, 33.7287
YIQ	150.6480, 16.0910, 11.2510

Conversions

Conversions Part 2

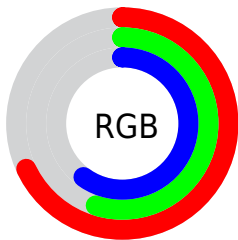
Format	Color
R_{YB}	173, 139, 152
Decimal	11373464
CIE _{Lab}	61.32, 15.04, -2.01
CIE _{LCh}	61, 15.169, 352.382
Yxy	29.6165, 0.3366, 0.3102
Android (android.graphics.Color)	4289563544 (0xFFAD8B98)
YUV	150.6480, 0.6665, 19.6027
Hunter-Lab	54.4210, 10.1611, 1.3484

Details

The XYZ color **32.1337, 29.6165, 33.7287** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.9374, 37.9149, 38.8946**, and the grayscale version is **29.2582, 30.7819, 33.5215**.

A 20% lighter version of the original color is **62.5236, 59.2542, 66.5344**, and **13.6671, 12.0774, 13.9228** is the 20% darker color. If you saturate the color by 10%, you get **28.9882, 24.6633, 28.5549**, and if you desaturate by 10%, it is **35.7562, 35.3967, 39.4513**.

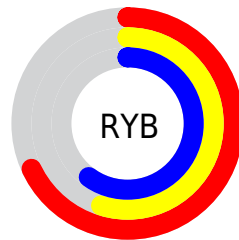
Distribution



Red (68%)

Green (55%)

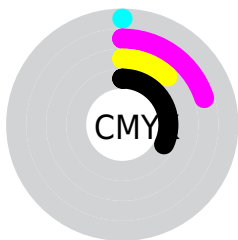
Blue (60%)



Red (68%)

Yellow (55%)

Blue (60%)

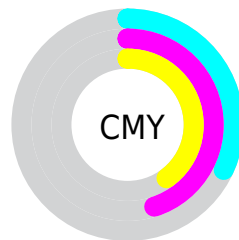


Cyan (0%)

Magenta (20%)

Yellow (12%)

Black (32%)



Cyan (32%)

Magenta (45%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.1337, 29.6165, 33.7287 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 32.1337, 29.6165, 33.7287 by changing the saturation by 10% instead.

■ 32.1337, 29.6165,
33.7287

■ 32.1337, 29.6165,
33.7287

303.4623,
300.1128, 333.6528

■ 21.6197, 19.5477,
22.4096

■ 62.3844, 59.0552,
66.6406

■ 13.6928, 12.0667,
13.9570

■ 82.8518, 79.1938,
89.0705

■ 7.9875, 6.7891,
7.9523

■ 107.3677,
103.4578, 116.0411

■ 4.1387, 3.3306,
3.9771

136.2975,
132.2317, 147.9708

■ 1.7809, 1.3066,
1.6128

170.0065,
165.8997, 185.2783

■ 0.5061, 0.1463,
0.2999

208.8601,

■ 0.0000, 0.0000,

204.8463, 228.3821

0.0000

253.2235,
249.4558, 277.7008

■ 32.1337, 29.6165,
33.7287

■ 32.1337, 29.6165,
33.7287

■ 28.9882, 24.6633,
28.5549

■ 35.7562, 35.3967,
39.4513

■ 26.2964, 20.4951,
23.9109

■ 39.8725, 42.0354,
45.7371

■ 24.0370, 17.0722,
19.7792

■ 44.5017, 49.5675,
52.6023

■ 22.1858, 14.3498,
16.1407

■ 49.6612, 58.0245,
60.0619

■ 20.7159, 12.2782,
12.9748

■ 55.3673, 67.4367,
68.1302

■ 19.5974, 10.8011,
10.2591

■ 61.6359, 77.8327,
76.8210

■ 18.7950, 9.8524,
7.9688

■ 66.8320, 85.9396,
85.5977

■ 18.2388, 9.2968,
6.0667

■ 68.3517, 86.5475,
93.6006

■ 18.2212, 9.2793,
6.0063

■ 69.9646, 87.1927,
102.0940

Harmonies

Analogous

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



31.3052, 29.6165, 39.4438



32.1337, 29.6165, 33.7287



31.8553, 29.6165, 28.2348

Triad

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



32.1337, 29.6165, 33.7287



26.7112, 29.6165, 23.1022



25.8681, 29.6165, 41.7760

Complementary

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



32.1337, 29.6165, 33.7287



31.9374, 37.9149, 38.8946

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.



24.7430, 29.6165, 36.6231



32.1337, 29.6165, 33.7287



25.2135, 29.6165, 25.9842

Square

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



32.1337, 29.6165, 33.7287



28.6622, 29.6165, 22.5210



24.5092, 29.6165, 30.8100



27.6431, 29.6165, 44.4347

Rectangle

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



32.1337, 29.6165, 33.7287



31.0852, 29.6165, 25.3819



24.5092, 29.6165, 30.8100



25.4049, 29.6165, 40.2510

Sweetspot

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



32.1345, 29.6178, 33.7293



66.5484, 67.4302, 74.5300



31.2671, 28.9540, 43.4762



14.3650, 14.4972, 16.0474



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



32.1345, 29.6178, 33.7293



54.7601, 48.6326, 55.8678



31.7123, 30.3846, 28.6211



8.1272, 8.0641, 8.9807



13.4121, 6.8274, 4.5497



0.4003, 0.2008, 0.2696

Inverse Universe

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



32.1345, 29.6178, 33.7293



54.7601, 48.6326, 55.8678



32.3854, 36.8952, 44.9501



8.1272, 8.0641, 8.9807



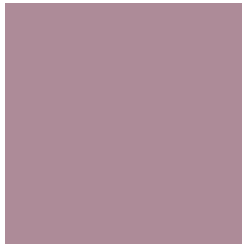
13.4121, 6.8274, 4.5497



0.4003, 0.2008, 0.2696

Previews

White Background



This preview shows how the XYZ color 32.1337, 29.6165, 33.7287 looks on a white background.

Color Contrast Check

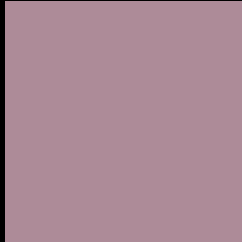
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.1337, 29.6165, 33.7287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

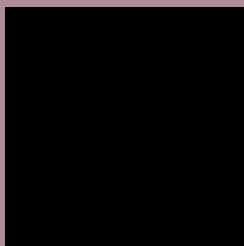
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.1337, 29.6165, 33.7287

Background



This preview shows how black text looks on a background with the XYZ color 32.1337, 29.6165, 33.7287.



This preview shows how white text looks on a background with the XYZ color 32.1337, 29.6165,

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

32.1337, 29.6165, 33.7287

Protanopia

28.7323, 29.5977, 36.0969

Deuteranopia

30.2571, 29.7580, 33.4273



Tritanopia

31.9712, 29.5515, 32.8731

Trichromacy



Original Color

32.1337, 29.6165, 33.7287

Protanomaly

29.7943, 29.4812, 35.1305

Deuteranomaly

30.7760, 29.5797, 33.3655

Tritanomaly

32.0521, 29.5838, 33.2991

Monochromacy



Original Color

32.1337, 29.6165, 33.7287

Achromatopsia

29.4150, 30.9469, 33.7012

Achromatomaly

30.3177, 30.4727, 33.5621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.1337, 29.6165, 33.7287 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(173, 139, 152)` looks like.

```
.text, #text, p{  
    color:rgb(173, 139, 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(173, 139, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 139, 152) }
```

Border

The CSS property to change the border of an element to XYZ 32.1337, 29.6165, 33.7287 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(173, 139, 152) }
```


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

```
.border{ border-color:rgb(173, 139, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 139, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 139, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 139, 152);  
box-shadow:4px 4px 4px 4px rgb(173, 139,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 32.1337, 29.6165, 33.7287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 139, 152) }
```

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

```
.background{ background-color: rgb(173,  
139, 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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