

Converting Colors

XYZ(32.8552, 29.3484, 36.5793)

Have a look what the booklet for
XYZ(32.8552, 29.3484, 36.5793)
contains.

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Color

**XYZ(32.7414, 29.2255,
36.7163)**

Conversions

Conversions Part 1

Format	Color
Hex	AF889F
RGB	175, 136, 159
RGB Percent	69%, 53%, 62%
CMY	0.3137, 0.4667, 0.3765
CMYK	0.00, 0.22, 0.09, 0.31
HSL	325°, 20%, 61%
HSV	325°, 22%, 69%
XYZ	32.7414, 29.2255, 36.7163
YIQ	150.2830, 15.8610, 15.4210

Conversions

Conversions Part 2

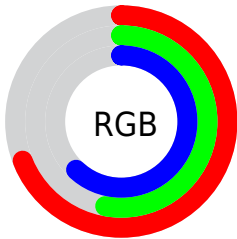
Format	Color
RYB	175, 136, 159
Decimal	11503775
CIELab	60.98, 18.69, -6.48
CIELCh	61, 19.783, 340.870
Yxy	29.2255, 0.3318, 0.2962
Android (android.graphics.Color)	4289693855 (0xFFAF889F)
YUV	150.2830, 4.2975, 21.6768
Hunter-Lab	54.0606, 13.5011, -2.4255

Details

The XYZ color **32.7414, 29.2255, 36.7163** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **31.1520, 38.1621, 35.4317**, and the grayscale version is **29.0879, 30.6027, 33.3264**.

A 20% lighter version of the original color is **63.5061, 58.6709, 71.5958**, and **14.0606, 11.8759, 15.7386** is the 20% darker color. If you saturate the color by 10%, you get **29.8702, 24.4511, 32.7740**, and if you desaturate by 10%, it is **36.0529, 34.8218, 40.9846**.

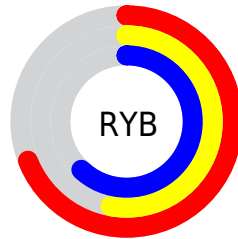
Distribution



Red (69%)

Green (53%)

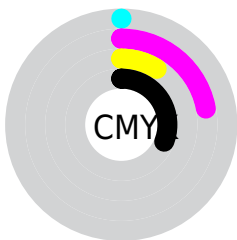
Blue (62%)



Red (69%)

Yellow (53%)

Blue (62%)

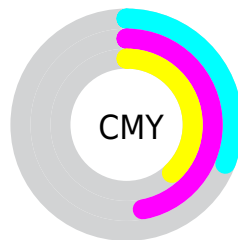


Cyan (0%)

Magenta (22%)

Yellow (9%)

Black (31%)



Cyan (31%)

Magenta (47%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 32.7414, 29.2255, 36.7163 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 32.7414, 29.2255, 36.7163 by changing the saturation by 10% instead.

■ 32.7414, 29.2255,
36.7163

■ 32.7414, 29.2255,
36.7163

306.1685,
298.2774, 347.2123

■ 22.0867, 19.2515,
24.6938

■ 63.3290, 58.4352,
71.3177

■ 14.0376, 11.8521,
15.6322

■ 83.9925, 78.4396,
94.7337

■ 8.2287, 6.6431,
9.1127

■ 108.7231,
102.5563, 122.7846

■ 4.2947, 3.2399,
4.7170

137.8861,
131.1696, 155.8890

■ 1.8701, 1.2582,
2.0264

171.8467,
164.6640, 194.4655

■ 0.5594, 0.1085,
0.5714

210.9704,

■ 0.0000, 0.0000,

203.4239, 238.9325

0.0000

255.6226,
247.8335, 289.7085

■ 32.7414, 29.2255,
36.7163

■ 32.7414, 29.2255,
36.7163

■ 29.8702, 24.4511,
32.7740

■ 36.0529, 34.8218,
40.9846

■ 27.4166, 20.4555,
29.1462

■ 39.8210, 41.2727,
45.5863

■ 25.3598, 17.1974,
25.8232

■ 44.0641, 48.6138,
50.5307

■ 23.6760, 14.6302,
22.7939

■ 48.7989, 56.8777,
55.8263

■ 22.3385, 12.7020,
20.0461

■ 54.0414, 66.0952,
61.4809

■ 21.3172, 11.3533,
17.5664

■ 59.8065, 76.2956,
67.5024

■ 20.5762, 10.5135,
15.3394

■ 64.9805, 85.2505,
73.5220

■ 20.1376, 10.0974,
13.7721

■ 65.8914, 85.6149,
78.3184

■ 66.8428, 85.9954,
83.3286

Harmonies

Analogous

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



31.1575, 29.2255, 43.8402



32.7414, 29.2255, 36.7163



32.9485, 29.2255, 29.2130

Triad

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



32.7414, 29.2255, 36.7163



26.8515, 29.2255, 19.7933



24.1877, 29.2255, 42.0700

Complementary

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



32.7414, 29.2255, 36.7163



31.1520, 38.1621, 35.4317

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.



23.1788, 29.2255, 34.5810



32.7414, 29.2255, 36.7163



24.6521, 29.2255, 22.2287

Square

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



32.7414, 29.2255, 36.7163



29.4382, 29.2255, 20.1824



23.3433, 29.2255, 27.3825



26.1813, 29.2255, 47.2470

Rectangle

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



32.7414, 29.2255, 36.7163



32.2645, 29.2255, 25.0649



23.3433, 29.2255, 27.3825



23.7279, 29.2255, 39.6950

Sweetspot

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



32.7423, 29.2268, 36.7169



67.9484, 68.1331, 77.5802



29.4174, 27.3418, 44.2850



15.0156, 14.9949, 17.1371



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



32.7423, 29.2268, 36.7169



55.8777, 47.7319, 62.0265



31.2107, 28.6142, 28.6519



8.1959, 8.0916, 9.3424



14.4521, 7.2434, 10.0264



0.4283, 0.2120, 0.4174

Inverse Universe

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



32.7423, 29.2268, 36.7169



55.8777, 47.7319, 62.0265



32.8445, 38.8391, 44.3443



8.1959, 8.0916, 9.3424



14.4521, 7.2434, 10.0264



0.4283, 0.2120, 0.4174

Previews

White Background



This preview shows how the XYZ color 32.7414, 29.2255, 36.7163 looks on a white background.

Color Contrast Check

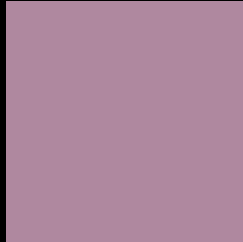
Large Text (above 18pt) WCAG AA ✓ Pass

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 32.7414, 29.2255, 36.7163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

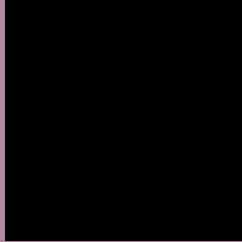
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 32.7414, 29.2255, 36.7163

Background



This preview shows how black text looks on a background with the XYZ color 32.7414, 29.2255, 36.7163.



This preview shows how white text looks on a background with the XYZ color 32.7414, 29.2255,

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

32.7414, 29.2255, 36.7163

Protanopia

28.7475, 29.2941, 39.7365

Deuteranopia

29.8986, 29.2816, 36.4238



Tritanopia

31.8893, 29.3137, 31.9943

Trichromacy



Original Color

32.7414, 29.2255, 36.7163

Protanomaly

29.9942, 29.0583, 38.6783

Deuteranomaly

30.8595, 29.1173, 36.3415

Tritanomaly

32.0687, 29.1570, 33.6434

Monochromacy



Original Color

32.7414, 29.2255, 36.7163

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

30.1732, 29.9216, 34.3221

CSS Examples

Text

The CSS property to change the color of the text to XYZ 32.7414, 29.2255, 36.7163 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(175, 136, 159)` looks like.

```
.text, #text, p{  
    color:rgb(175, 136, 159)  
}
```

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(175, 136, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 136, 159) }
```

Border

The CSS property to change the border of an element to XYZ 32.7414, 29.2255, 36.7163 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(175, 136, 159) }
```


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

```
.border{ border-color:rgb(175, 136, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 136, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 136, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 136, 159);  
box-shadow:4px 4px 4px 4px rgb(175, 136,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 32.7414, 29.2255, 36.7163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 136, 159) }
```

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

```
.background{ background-color: rgb(175,  
136, 159) }
```

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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