

Converting Colors

XYZ(35.2102, 28.5794, 32.7836)

Have a look what the booklet for
XYZ(35.2102, 28.5794, 32.7836)
contains.

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Color

**XYZ(35.2949, 28.6254,
32.9432)**

Conversions

Conversions Part 1

Format	Color
Hex	C27E97
RGB	194, 126, 151
RGB Percent	76%, 49%, 59%
CMY	0.2392, 0.5059, 0.4078
CMYK	0.00, 0.35, 0.22, 0.24
HSL	338°, 36%, 63%
HSV	338°, 35%, 76%
XYZ	35.2949, 28.6254, 32.9432
YIQ	149.1820, 32.5030, 22.1910

Conversions

Conversions Part 2

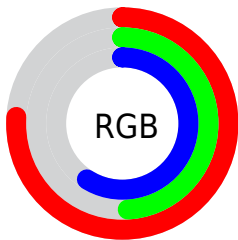
Format	Color
RYB	194, 126, 151
Decimal	12746391
CIELab	60.45, 29.86, -2.46
CIELCh	60, 29.963, 355.298
Yxy	28.6254, 0.3644, 0.2955
Android (android.graphics.Color)	4290936471 (0xFFC27E97)
YUV	149.1820, 0.8963, 39.3054
Hunter-Lab	53.5027, 24.1239, 0.9453

Details

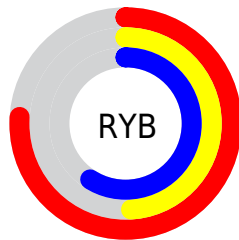
The XYZ color **35.2949, 28.6254, 32.9432** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **35.0586, 45.8845, 44.5471**, and the grayscale version is **28.6311, 30.1222, 32.8030**.

A 20% lighter version of the original color is **67.2844, 57.3434, 65.2797**, and **15.5322, 11.5780, 13.4727** is the 20% darker color. If you saturate the color by 10%, you get **32.1055, 23.7588, 27.2175**, and if you desaturate by 10%, it is **39.0706, 34.4982, 39.3765**.

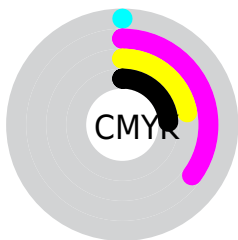
Distribution



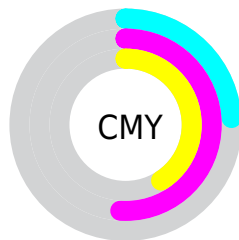
- Red (76%)
- Green (49%)
- Blue (59%)



- Red (76%)
- Yellow (49%)
- Blue (59%)



- Cyan (0%)
- Magenta (35%)
- Yellow (22%)
- Black (24%)





- Cyan (24%)
- Magenta (51%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.2949, 28.6254, 32.9432 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 35.2949, 28.6254, 32.9432 by changing the saturation by 10% instead.


 35.2949, 28.6254,
32.9432


 35.2949, 28.6254,
32.9432


317.3534,
295.4434, 330.0179


 24.0577, 18.7976,
21.8122


 67.2734, 57.4814,
65.4018

 15.5014, 11.5241,
13.5220


 88.7454, 77.2784,
87.5665

 9.2606, 6.4205,
7.6540


 114.3597,
101.1673, 114.2462

 4.9700, 3.1024,
3.7898

144.4817,
129.5324, 145.8593

 2.2643, 1.1854,
1.5107

179.4767,
162.7582, 182.8245

 0.7763, 0.0498,
0.2259

219.7100,

 0.0000, 0.0000,

201.2290, 225.5603

0.0000

265.5472,
245.3293, 274.4853

■ 35.2949, 28.6254,
32.9432

■ 35.2949, 28.6254,
32.9432

■ 32.1055, 23.7588,
27.2175

■ 39.0706, 34.4982,
39.3765

■ 29.4690, 19.8374,
22.1719

■ 43.4590, 41.4257,
46.5402

■ 27.3520, 16.7994,
17.7791


■ 48.4875, 49.4581,
54.4581


■ 25.7165, 14.5744,
14.0093


■ 54.1814, 58.6412,
63.1523

■ 24.5187, 13.0807,
10.8295


■ 60.5642, 69.0182,
72.6440


 23.7059, 12.2193,
8.2029

 67.6587, 80.6301,
82.9534

 23.3958, 11.9284,
7.0840

 73.2767, 89.0968,
93.3636

 75.1302, 89.8382,
103.1240

 76.0582, 90.2094,
108.0112

Harmonies

Analogous

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



33.7767, 28.6254, 44.9026



35.2949, 28.6254, 32.9432



34.4843, 28.6254, 22.9390

Triad

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



35.2949, 28.6254, 32.9432



24.1577, 28.6254, 15.6302



23.1973, 28.6254, 52.1119

Complementary

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



35.2949, 28.6254, 32.9432



35.0586, 45.8845, 44.5471

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.



21.0341, 28.6254, 41.1621



35.2949, 28.6254, 32.9432



21.5507, 28.6254, 20.5659

Square

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



35.2949, 28.6254, 32.9432



27.8205, 28.6254, 14.4212



20.4609, 28.6254, 29.4581



26.6037, 28.6254, 57.5137

Rectangle

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



35.2949, 28.6254, 32.9432



32.7692, 28.6254, 18.3700



20.4609, 28.6254, 29.4581



22.3138, 28.6254, 48.8484

Sweetspot

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



35.2957, 28.6267, 32.9438



82.1263, 80.4491, 89.7129



33.3338, 27.1358, 54.5200



17.7153, 17.1878, 19.2191



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



35.2957, 28.6267, 32.9438



59.4511, 44.9870, 51.6698



34.5309, 30.0089, 23.7126



10.2228, 10.1377, 11.2641



15.4184, 7.8571, 4.8494



0.6995, 0.3528, 0.3851

Inverse Universe

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



35.2957, 28.6267, 32.9438



59.4511, 44.9870, 51.6698



35.9157, 43.4774, 57.5382



10.2228, 10.1377, 11.2641



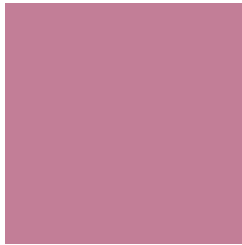
15.4184, 7.8571, 4.8494



0.6995, 0.3528, 0.3851

Previews

White Background



This preview shows how the XYZ color 35.2949, 28.6254, 32.9432 looks on a white background.

Color Contrast Check

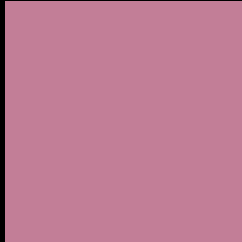
Large Text (above 18pt) WCAG AA ✓ Pass

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 35.2949, 28.6254, 32.9432 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 35.2949, 28.6254, 32.9432

Background



This preview shows how black text looks on a background with the XYZ color 35.2949, 28.6254, 32.9432.



This preview shows how white text looks on a background with the XYZ color 35.2949, 28.6254,

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

35.2949, 28.6254, 32.9432

Protanopia

28.2379, 28.8244, 38.7257

Deuteranopia

29.3164, 28.8550, 32.0414



Tritanopia

34.2989, 28.6108, 27.7594

Trichromacy



Original Color

35.2949, 28.6254, 32.9432

Protanomaly

30.2468, 28.3615, 36.6810

Deuteranomaly

31.2422, 28.5489, 32.2976

Tritanomaly

34.5396, 28.4994, 29.6671

Monochromacy



Original Color

35.2949, 28.6254, 32.9432

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

30.5469, 29.2511, 32.8902

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.2949, 28.6254, 32.9432 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(194, 126, 151)` looks like.

```
.text, #text, p{  
    color:rgb(194, 126, 151)  
}
```

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(194, 126, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 126, 151) }
```

Border

The CSS property to change the border of an element to XYZ 35.2949, 28.6254, 32.9432 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(194, 126, 151) }
```


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

```
.border{ border-color:rgb(194, 126, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 126, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 126, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 126, 151);  
box-shadow:4px 4px 4px 4px rgb(194, 126,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 35.2949, 28.6254, 32.9432 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 126, 151) }
```

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

```
.background{ background-color: rgb(194,  
126, 151) }
```

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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