

Converting Colors

XYZ(29.2216, 28.7858, 35.6906)

Have a look what the booklet for
XYZ(29.2216, 28.7858, 35.6906)
contains.

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Color

**XYZ(29.2764, 28.7489,
35.9043)**

Conversions

Conversions Part 1

Format	Color
Hex	9B8E9D
RGB	155, 142, 157
RGB Percent	61%, 56%, 62%
CMY	0.3922, 0.4431, 0.3843
CMYK	0.01, 0.10, 0.00, 0.38
HSL	292°, 7%, 59%
HSV	292°, 10%, 62%
XYZ	29.2764, 28.7489, 35.9043
YIQ	147.5970, 2.9330, 7.4210

Conversions

Conversions Part 2

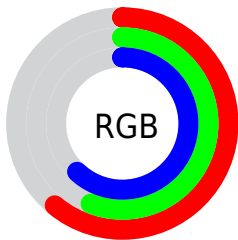
Format	Color
R _Y B	155, 142, 157
Decimal	10194589
CIE Lab	60.56, 7.68, -6.17
CIE LCh	61, 9.851, 321.185
Yxy	28.7489, 0.3117, 0.3061
Android (android.graphics.Color)	4288384669 (0xFF9B8E9D)
YUV	147.5970, 4.6357, 6.4924
Hunter-Lab	53.6180, 3.6327, -2.1698

Details

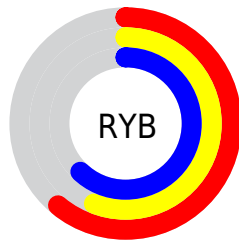
The XYZ color **29.2764, 28.7489, 35.9043** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.4420, 31.9969, 30.2696**, and the grayscale version is **27.9618, 29.4180, 32.0362**.

A 20% lighter version of the original color is **57.9181, 57.7886, 70.3891**, and **12.1376, 11.6380, 15.2423** is the 20% darker color. If you saturate the color by 10%, you get **26.7051, 24.1972, 35.1617**, and if you desaturate by 10%, it is **32.1854, 33.9647, 36.7582**.

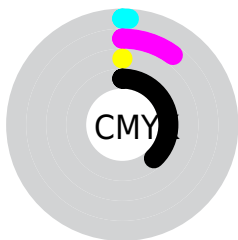
Distribution



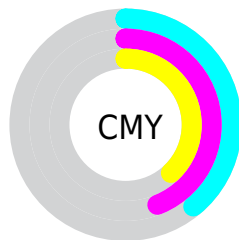
- Red (61%)
- Green (56%)
- Blue (62%)



- Red (61%)
- Yellow (56%)
- Blue (62%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (38%)



- Cyan (39%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2764, 28.7489, 35.9043 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 29.2764, 28.7489, 35.9043 by changing the saturation by 10% instead.

■ 29.2764, 28.7489,
35.9043

■ 29.2764, 28.7489,
35.9043

290.4876,
296.0284, 343.5668

■ 19.4353, 18.8910,
24.0712

■ 57.9105, 57.6779,
70.0517

■ 12.0911, 11.5915,
15.1737

■ 77.4342, 77.5177,
93.2031

■ 6.8784, 6.4662,
8.7934

■ 100.9162,
101.4537, 120.9643

■ 3.4318, 3.1306,
4.5117

128.7218,
129.8701, 153.7539

■ 1.3860, 1.2003,
1.9101

161.2164,
163.1513, 191.9904

■ 0.2462, 0.0619,
0.4991

198.7653,

■ 0.0000, 0.0000,

201.6819, 236.0924

0.0000

241.7339,
245.8461, 286.4783

■ 29.2764, 28.7489,
35.9043

■ 29.2764, 28.7489,
35.9043

■ 26.7051, 24.1972,
35.1617

■ 32.1854, 33.9647,
36.7582

■ 24.4553, 20.2785,
34.5239

■ 35.4424, 39.8668,
37.7257

■ 22.5130, 16.9648,
33.9866

■ 39.0605, 46.4806,
38.8116

■ 20.8626, 14.2244,
33.5447

■ 43.0514, 53.8294,
40.0197

■ 19.4866, 12.0229,
33.1923

■ 47.4261, 61.9354,
41.3538

■ 18.3660, 10.3221,
32.9230

■ 52.1953, 70.8196,
42.8172

■ 17.4792, 9.0787,
32.7298

■ 57.3691, 80.5026,
44.4136

■ 16.8007, 8.2420,
32.6040

■ 58.8038, 82.6965,
44.7614

■ 16.2731, 7.6974,
32.5267

■ 59.2660, 82.9348,
44.7830

Harmonies

Analogous

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



28.2189, 28.7489, 38.3027



29.2764, 28.7489, 35.9043



29.8152, 28.7489, 32.3890

Triad

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



29.2764, 28.7489, 35.9043



27.7017, 28.7489, 24.8752



25.1061, 28.7489, 33.9043

Complementary

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



29.2764, 28.7489, 35.9043



28.4420, 31.9969, 30.2696

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.



24.9774, 28.7489, 30.2409



29.2764, 28.7489, 35.9043



26.4501, 28.7489, 25.2121

Square

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



29.2764, 28.7489, 35.9043



28.8877, 28.7489, 26.1533



25.4622, 28.7489, 27.1120



25.8196, 28.7489, 37.0871

Rectangle

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



29.2764, 28.7489, 35.9043



29.7966, 28.7489, 29.9628



25.4622, 28.7489, 27.1120



24.9939, 28.7489, 32.6819

Sweetspot

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



29.2772, 28.7501, 35.9049



55.7445, 57.4153, 65.2710



27.2156, 28.1330, 35.8945



12.1765, 12.4728, 14.3361



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



29.2772, 28.7501, 35.9049



51.6266, 50.0542, 64.0672



29.2051, 28.7660, 33.5054



6.8171, 6.7097, 8.3425



13.2204, 6.2444, 26.4157



0.2582, 0.1229, 0.4733

Inverse Universe

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



28.6126, 28.5290, 30.3855



50.2495, 49.5972, 52.5761



28.5191, 31.9877, 32.4821



6.6673, 6.6598, 7.0991



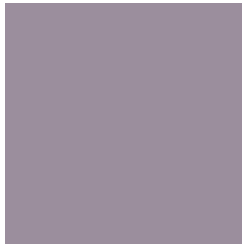
11.4110, 5.8690, 1.1493



0.2131, 0.1086, 0.0683

Previews

White Background



This preview shows how the XYZ color 29.2764, 28.7489, 35.9043 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 29.2764, 28.7489, 35.9043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

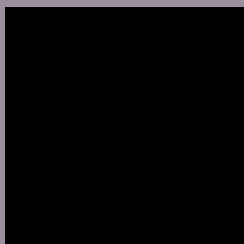
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.2764, 28.7489, 35.9043

Background



This preview shows how black text looks on a background with the XYZ color 29.2764, 28.7489, 35.9043.



This preview shows how white text looks on a background with the XYZ color 29.2764, 28.7489,

35.9043.

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

29.2764, 28.7489, 35.9043

Protanopia

28.0605, 28.7737, 36.8758

Deuteranopia

29.2764, 28.7489, 35.9043



Tritanopia

29.1728, 28.9466, 34.6215

Trichromacy



Original Color

29.2764, 28.7489, 35.9043

Protanomaly

28.5392, 28.8047, 36.4034

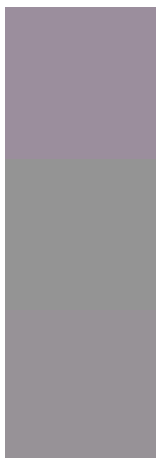
Deuteranomaly

29.2764, 28.7489, 35.9043

Tritanomaly

29.2564, 28.9800, 35.0621

Monochromacy



Original Color

29.2764, 28.7489, 35.9043

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.6273, 29.3714, 33.4386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2764, 28.7489, 35.9043 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(155, 142, 157)` looks like.

```
.text, #text, p{  
    color:rgb(155, 142, 157)  
}
```

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(155, 142, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 142, 157) }
```

Border

The CSS property to change the border of an element to XYZ 29.2764, 28.7489, 35.9043 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(155, 142, 157) }
```


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

```
.border{ border-color:rgb(155, 142, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 142, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 142, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 142, 157);  
box-shadow:4px 4px 4px 4px rgb(155, 142,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2764, 28.7489, 35.9043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 142, 157) }
```

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

```
.background{ background-color: rgb(155,  
142, 157) }
```

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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