

Converting Colors

XYZ(29.2491, 28.5432, 33.5562)

Have a look what the booklet for
XYZ(29.2491, 28.5432, 33.5562)
contains.

XYZ(29.2929, 28.5859, 33.6795)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.2929, 28.5859,
33.6795)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8D98
RGB	158, 141, 152
RGB Percent	62%, 55%, 60%
CMY	0.3804, 0.4470, 0.4039
CMYK	0.00, 0.11, 0.04, 0.38
HSL	321°, 8%, 59%
HSV	321°, 11%, 62%
XYZ	29.2929, 28.5859, 33.6795
YIQ	147.3370, 6.6010, 7.0250

Conversions

Conversions Part 2

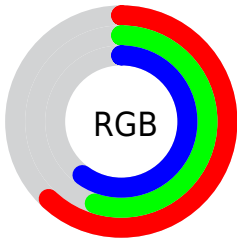
Format	Color
R_{YB}	158, 141, 152
Decimal	10390936
CIE _{Lab}	60.41, 8.36, -3.51
CIE _{LCh}	60, 9.071, 337.236
Yxy	28.5859, 0.3199, 0.3122
Android (android.graphics.Color)	4288581016 (0xFF9E8D98)
YUV	147.3370, 2.2989, 9.3515
Hunter-Lab	53.4658, 4.2317, 0.0777

Details

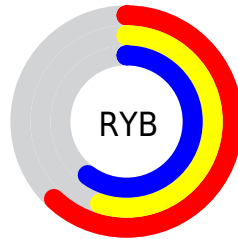
The XYZ color **29.2929, 28.5859, 33.6795** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.4789, 32.2237, 32.3241**, and the grayscale version is **27.8622, 29.3132, 31.9221**.

A 20% lighter version of the original color is **58.0963, 57.6326, 66.4547**, and **12.1535, 11.5476, 13.9003** is the 20% darker color. If you saturate the color by 10%, you get **26.6815, 24.0766, 30.6083**, and if you desaturate by 10%, it is **32.2598, 33.7710, 36.9759**.

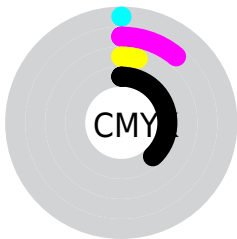
Distribution



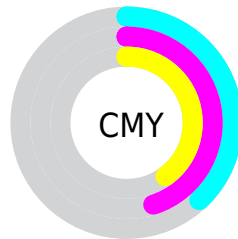
- Red (62%)
- Green (55%)
- Blue (60%)



- Red (62%)
- Yellow (55%)
- Blue (60%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (38%)



- Cyan (38%)
- Magenta (45%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2929, 28.5859, 33.6795 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 29.2929, 28.5859, 33.6795 by changing the saturation by 10% instead.

■ 29.2929, 28.5859,
33.6795

■ 29.2929, 28.5859,
33.6795

290.5638,
295.2561, 333.4260

■ 19.4479, 18.7678,
22.3721

■ 57.9365, 57.4185,
66.5631

■ 12.1003, 11.5026,
13.9297

■ 77.4657, 77.2018,
88.9765

■ 6.8847, 6.4060,
7.9336

■ 100.9538,
101.0756, 115.9289

■ 3.4358, 3.0935,
3.9653

128.7661,
129.4243, 147.8389

■ 1.3882, 1.1807,
1.6063

161.2678,
162.6323, 185.1251

■ 0.2478, 0.0459,
0.2953

198.8245,

■ 0.0000, 0.0000,

201.0840, 228.2060

0.0000

241.8013,
245.1638, 277.5001

■ 29.2929, 28.5859,
33.6795

■ 29.2929, 28.5859,
33.6795

■ 26.6815, 24.0766,
30.6083

■ 32.2598, 33.7710,
36.9759

■ 24.4088, 20.2113,
27.7541

■ 35.5933, 39.6546,
40.5016

■ 22.4604, 16.9612,
25.1112

■ 39.3067, 46.2631,
44.2627

■ 20.8198, 14.2936,
22.6725

■ 43.4124, 53.6202,
48.2647

■ 19.4688, 12.1730,
20.4303

■ 47.9218, 61.7486,
52.5128

■ 18.3877, 10.5599,
18.3766

■ 52.8459, 70.6699,
57.0119

■ 17.5536, 9.4096,
16.5021

■ 58.1956, 80.4052,
61.7669

■ 16.9400, 8.6693,
14.7963

■ 59.8951, 82.8029,
65.4205

■ 16.5103, 8.2330,
13.3487

■ 60.5446, 83.0627,
68.8408

Harmonies

Analogous

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



28.5511, 28.5859, 36.5290



29.2929, 28.5859, 33.6795



29.4583, 28.5859, 30.3224

Triad

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



29.2929, 28.5859, 33.6795



26.8883, 28.5859, 25.1734



25.4218, 28.5859, 35.1795

Complementary

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



29.2929, 28.5859, 33.6795



28.4789, 32.2237, 32.3241

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.



25.0035, 28.5859, 31.9420



29.2929, 28.5859, 33.6795



25.8343, 28.5859, 26.2824

Square

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



29.2929, 28.5859, 33.6795



28.0479, 28.5859, 25.5656



25.1523, 28.5859, 28.7034



26.3107, 28.5859, 37.4374

Rectangle

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



29.2929, 28.5859, 33.6795



29.2151, 28.5859, 28.2748



25.1523, 28.5859, 28.7034



25.2227, 28.5859, 34.1610

Sweetspot

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



29.2937, 28.5871, 33.6801



57.2855, 59.0502, 65.7337



27.7213, 27.7183, 36.2371



12.8174, 13.1419, 14.7125



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.



29.2937, 28.5871, 33.6801



51.9533, 49.7561, 59.7321



28.6261, 28.3201, 30.1646



6.8046, 6.7148, 7.8223



13.2421, 6.6014, 10.7918



0.2562, 0.1258, 0.2950

Inverse Universe

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



29.2937, 28.5871, 33.6801



51.9533, 49.7561, 59.7321



29.1665, 32.4987, 35.9450



6.8046, 6.7148, 7.8223



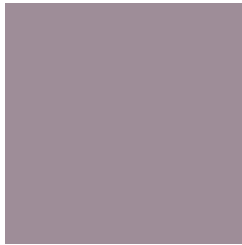
13.2421, 6.6014, 10.7918



0.2562, 0.1258, 0.2950

Previews

White Background



This preview shows how the XYZ color 29.2929, 28.5859, 33.6795 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 29.2929, 28.5859, 33.6795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

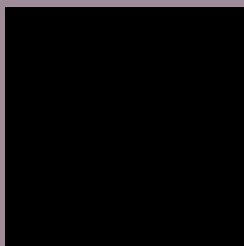
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

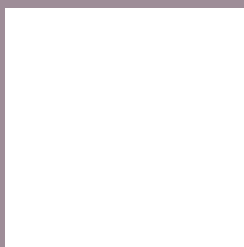
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.2929, 28.5859, 33.6795

Background



This preview shows how black text looks on a background with the XYZ color 29.2929, 28.5859, 33.6795.



This preview shows how white text looks on a background with the XYZ color 29.2929, 28.5859,

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

29.2929, 28.5859, 33.6795

Protanopia

27.8122, 28.6949, 34.6447

Deuteranopia

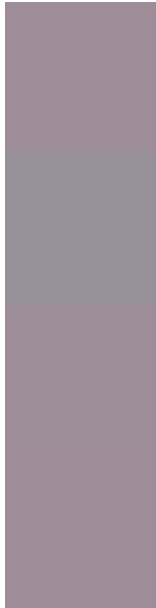
29.0970, 28.4848, 33.6703



Tritanopia

29.2929, 28.5859, 33.6795

Trichromacy



Original Color

29.2929, 28.5859, 33.6795

Protanomaly

28.3007, 28.7305, 34.1909

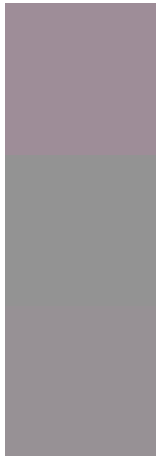
Deuteranomaly

29.0970, 28.4848, 33.6703

Tritanomaly

29.2929, 28.5859, 33.6795

Monochromacy



Original Color

29.2929, 28.5859, 33.6795

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.3127, 29.0000, 32.5391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2929, 28.5859, 33.6795 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(158, 141, 152)` looks like.

```
.text, #text, p{  
    color:rgb(158, 141, 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(158, 141, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 141, 152) }
```

Border

The CSS property to change the border of an element to XYZ 29.2929, 28.5859, 33.6795 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(158, 141, 152) }
```


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

```
.border{ border-color:rgb(158, 141, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 141, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 141, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 141, 152);  
box-shadow:4px 4px 4px 4px rgb(158, 141,  
152) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2929, 28.5859, 33.6795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 141, 152) }
```

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

```
.background{ background-color: rgb(158,  
141, 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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