

Converting Colors

XYZ(28.8957, 27.9811, 36.6545)

Have a look what the booklet for
XYZ(28.8957, 27.9811, 36.6545)
contains.

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Color

**XYZ(28.8171, 27.8385,
36.6554)**

Conversions

Conversions Part 1

Format	Color
Hex	9A8B9F
RGB	154, 139, 159
RGB Percent	60%, 55%, 62%
CMY	0.3961, 0.4549, 0.3765
CMYK	0.03, 0.13, 0.00, 0.38
HSL	285°, 9%, 58%
HSV	285°, 13%, 62%
XYZ	28.8171, 27.8385, 36.6554
YIQ	145.7650, 2.5200, 9.4000

Conversions

Conversions Part 2

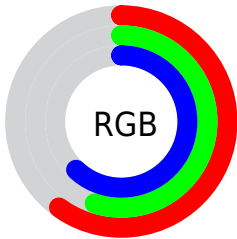
Format	Color
R_{YB}	154, 139, 159
Decimal	10128287
CIE _{Lab}	59.74, 9.42, -8.54
CIE _{LCh}	60, 12.716, 317.809
Yxy	27.8385, 0.3088, 0.2983
Android (android.graphics.Color)	4288318367 (0xFF9A8B9F)
YUV	145.7650, 6.5249, 7.2221
Hunter-Lab	52.7622, 5.1574, -4.2569

Details

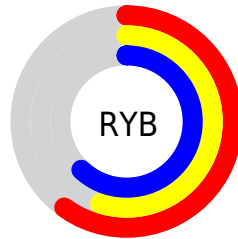
The XYZ color **28.8171, 27.8385, 36.6554** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.5609, 32.5903, 29.2127**, and the grayscale version is **27.1996, 28.6161, 31.1629**.

A 20% lighter version of the original color is **56.9997, 55.9642, 71.4163**, and **11.8727, 11.1110, 15.7062** is the 20% darker color. If you saturate the color by 10%, you get **25.9364, 23.1814, 35.9087**, and if you desaturate by 10%, it is **32.0594, 33.1806, 37.5161**.

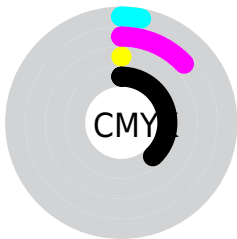
Distribution



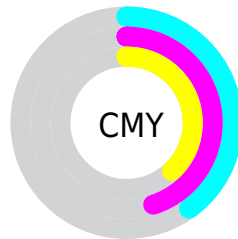
- Red (60%)
- Green (55%)
- Blue (62%)



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



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8171, 27.8385, 36.6554 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 28.8171, 27.8385, 36.6554 by changing the saturation by 10% instead.

■ 28.8171, 27.8385,
36.6554

■ 28.8171, 27.8385,
36.6554

288.3608,
291.6944, 346.9398

■ 19.0861, 18.2040,
24.6471

■ 57.1859, 56.2265,
71.2229

■ 11.8369, 11.0965,
15.5977

■ 76.5545, 75.7487,
94.6191

■ 6.7041, 6.1318,
9.0887

■ 99.8662, 99.3357,
122.6484

■ 3.3224, 2.9254,
4.7015

127.4866,
127.3717, 155.7293

■ 1.3265, 1.0929,
2.0175

159.7808,
160.2412, 194.2804

■ 0.2029, 0.0000,
0.5660

197.1144,

■ 0.0000, 0.0000,

198.3285, 238.7201

0.0000

239.8526,
242.0181, 289.4671

■ 28.8171, 27.8385,
36.6554

■ 28.8171, 27.8385,
36.6554

■ 25.9364, 23.1814,
35.9087

■ 32.0594, 33.1806,
37.5161

■ 23.4002, 19.1768,
35.2694

■ 35.6744, 39.2313,
38.4934

■ 21.1935, 15.7949,
34.7330

■ 39.6762, 46.0175,
39.5924

■ 19.2995, 13.0022,
34.2937

■ 44.0770, 53.5634,
40.8169

■ 17.6996, 10.7618,
33.9456

■ 48.8886, 61.8925,
42.1710

■ 16.3731, 9.0329,
33.6818

■ 54.1223, 71.0268,
43.6583

■ 15.2964, 7.7687,
33.4946

■ 59.7890, 80.9878,
45.2823

■ 14.4416, 6.9136,
33.3746

■ 62.2198, 84.4376,
45.8200

■ 13.9001, 6.4428,
33.3123

■ 63.1978, 84.9418,
45.8658

Harmonies

Analogous

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



27.4166, 27.8385, 39.5472



28.8171, 27.8385, 36.6554



29.5982, 27.8385, 32.2199

Triad

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



28.8171, 27.8385, 36.6554



27.1179, 27.8385, 22.4542



23.6239, 27.8385, 33.1010

Complementary

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



28.8171, 27.8385, 36.6554



28.5609, 32.5903, 29.2127

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.



23.5512, 27.8385, 28.4798



28.8171, 27.8385, 36.6554



25.5253, 27.8385, 22.6386

Square

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



28.8171, 27.8385, 36.6554



28.5908, 27.8385, 24.2129



24.2344, 27.8385, 24.7452



24.4371, 27.8385, 37.3565

Rectangle

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



28.8171, 27.8385, 36.6554



29.6424, 27.8385, 29.1241



24.2344, 27.8385, 24.7452



23.5133, 27.8385, 31.5305

Sweetspot

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



28.8179, 27.8397, 36.6560



56.5023, 57.9089, 66.9430



26.9304, 28.0410, 36.7944



12.6406, 12.8936, 15.0661



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.



28.8179, 27.8397, 36.6560



50.1494, 47.4797, 65.2648



29.3921, 28.1816, 34.6087



6.7421, 6.6710, 8.3390



11.0181, 5.1090, 26.3127



0.2328, 0.1098, 0.4722

Inverse Universe

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



28.5657, 27.8510, 30.2570



49.6271, 47.5140, 51.5264



28.0552, 32.2894, 31.0072



6.6977, 6.6720, 7.2593



11.6070, 5.9474, 2.1814



0.2229, 0.1125, 0.1198

Previews

White Background



This preview shows how the XYZ color 28.8171, 27.8385, 36.6554 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 28.8171, 27.8385, 36.6554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

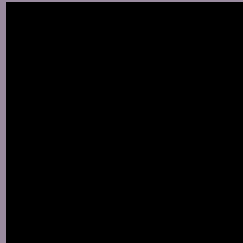
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.8171, 27.8385, 36.6554

Background



This preview shows how black text looks on a background with the XYZ color 28.8171, 27.8385, 36.6554.



This preview shows how white text looks on a background with the XYZ color 28.8171, 27.8385,

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

28.8171, 27.8385, 36.6554

Protanopia

27.2400, 27.8809, 37.6641

Deuteranopia

28.3986, 27.8387, 36.6775



Tritanopia

28.1009, 27.7628, 33.1558

Trichromacy



Original Color

28.8171, 27.8385, 36.6554

Protanomaly

27.8722, 27.9951, 37.1923

Deuteranomaly

28.5850, 27.9348, 36.6862

Tritanomaly

28.3477, 27.8616, 34.4556

Monochromacy



Original Color

28.8171, 27.8385, 36.6554

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.8028, 28.2688, 33.2692

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8171, 27.8385, 36.6554 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(154, 139, 159)` looks like.

```
.text, #text, p{  
    color:rgb(154, 139, 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(154, 139, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 139, 159) }
```

Border

The CSS property to change the border of an element to XYZ 28.8171, 27.8385, 36.6554 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(154, 139, 159) }
```


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

```
.border{ border-color:rgb(154, 139, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 139, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 139, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 139, 159);  
box-shadow:4px 4px 4px 4px rgb(154, 139,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8171, 27.8385, 36.6554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 139, 159) }
```

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

```
.background{ background-color: rgb(154,  
139, 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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