

Converting Colors

XYZ(28.7032, 29.5703, 32.3072)

Have a look what the booklet for
XYZ(28.7032, 29.5703, 32.3072)
contains.

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Color

**XYZ(28.7279, 29.6810,
32.2318)**

Conversions

Conversions Part 1

Format	Color
Hex	989394
RGB	152, 147, 148
RGB Percent	60%, 58%, 58%
CMY	0.4039, 0.4235, 0.4196
CMYK	0.00, 0.03, 0.03, 0.40
HSL	348°, 2%, 59%
HSV	348°, 3%, 60%
XYZ	28.7279, 29.6810, 32.2318
YIQ	148.6090, 2.6590, 1.3710

Conversions

Conversions Part 2

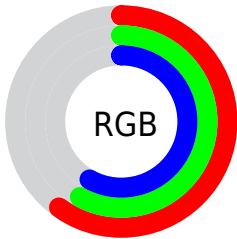
Format	Color
R_{YB}	152, 147, 148
Decimal	9999252
CIE Lab	61.38, 2.03, 0.12
CIE LCh	61, 2.029, 3.338
Yxy	29.6810, 0.3169, 0.3275
Android (android.graphics.Color)	4288189332 (0xFF989394)
YUV	148.6090, -0.3002, 2.9739
Hunter-Lab	54.4803, -1.2159, 3.0588

Details

The XYZ color **28.7279, 29.6810, 32.2318** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.8479, 30.8946, 33.7226**, and the grayscale version is **28.4041, 29.8833, 32.5429**.

A 20% lighter version of the original color is **57.0009, 59.1594, 64.2917**, and **11.7074, 11.9955, 13.0076** is the 20% darker color. If you saturate the color by 10%, you get **25.6058, 24.8977, 26.6868**, and if you desaturate by 10%, it is **32.2652, 35.1320, 38.4155**.

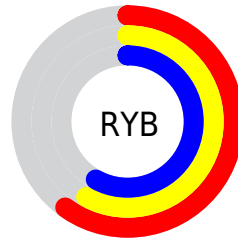
Distribution



Red (60%)

Green (58%)

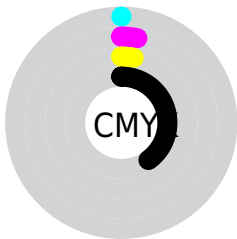
Blue (58%)



Red (60%)

Yellow (58%)

Blue (58%)

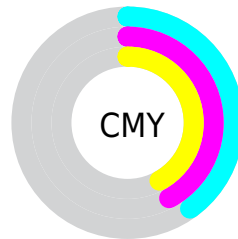


Cyan (0%)

Magenta (3%)

Yellow (3%)

Black (40%)



Cyan (40%)

Magenta (42%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.7279, 29.6810, 32.2318 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 28.7279, 29.6810, 32.2318 by changing the saturation by 10% instead.

■ 28.7279, 29.6810,
32.2318

■ 28.7279, 29.6810,
32.2318

287.9464,
300.4147, 326.6990

■ 19.0183, 19.5966,
21.2723

■ 57.0450, 59.1573,
64.2764

■ 11.7876, 12.1021,
13.1300

■ 76.3833, 79.3180,
86.1987

■ 6.6704, 6.8133,
7.3864

99.6619, 103.6063,
112.6122

■ 3.3013, 3.3456,
3.6228

127.2461,
132.4065, 143.9357

■ 1.3150, 1.3147,
1.4208

159.5013,
166.1030, 180.5875

■ 0.1944, 0.1526,
0.1578

196.7928,

■ 0.0000, 0.0000,

205.0803, 222.9864

0.0000

239.4861,
249.7227, 271.5507

■ 28.7279, 29.6810,
32.2318

■ 28.7279, 29.6810,
32.2318

■ 25.6058, 24.8977,
26.6868

■ 32.2652, 35.1320,
38.4155

■ 22.8813, 20.7527,
21.7580

■ 36.2298, 41.2711,
45.2555

■ 20.5388, 17.2201,
17.4247

■ 40.6362, 48.1224,
52.7711

■ 18.5611, 14.2708,
13.6640

■ 45.4975, 55.7079,
60.9801

■ 16.9295, 11.8732,
10.4516

■ 50.8264, 64.0485,
69.8999

■ 15.6236, 9.9928,
7.7614

■ 56.6349, 73.1644,
79.5471

■ 14.6208, 8.5910,
5.5654

■ 62.9347, 83.0747,
89.9377

■ 13.8955, 7.6242,
3.8323

■ 65.2423, 84.8088,
99.5892

■ 13.4177, 7.0401,
2.5276

■ 66.7590, 85.4155,
107.5760

Harmonies

Analogous

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



28.6734, 29.6810, 32.9836



28.7279, 29.6810, 32.2318



28.6431, 29.6810, 31.5141

Triad

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



28.7279, 29.6810, 32.2318



27.9290, 29.6810, 31.1015



27.9806, 29.6810, 33.6530

Complementary

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



28.7279, 29.6810, 32.2318



28.8479, 30.8946, 33.7226

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.



27.7830, 29.6810, 33.1345



28.7279, 29.6810, 32.2318



27.7534, 29.6810, 31.6606

Square

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



28.7279, 29.6810, 32.2318



28.1809, 29.6810, 30.8681



27.7001, 29.6810, 32.4035



28.2409, 29.6810, 33.8117

Rectangle

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



28.7279, 29.6810, 32.2318



28.5194, 29.6810, 31.1494



27.7001, 29.6810, 32.4035



27.9047, 29.6810, 33.5146

Sweetspot

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



28.7287, 29.6823, 32.2324



52.0593, 54.4687, 59.2681



28.8647, 29.7151, 33.9204



11.8409, 12.3932, 13.4859



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



28.7287, 29.6823, 32.2324



50.2466, 51.6819, 56.0787



28.8848, 30.1201, 31.8968



6.5988, 6.7664, 7.3380



11.0668, 5.6810, 1.6108



0.1763, 0.0893, 0.0810

Inverse Universe

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



28.7287, 29.6823, 32.2324



50.2466, 51.6819, 56.0787



28.6875, 30.4436, 34.0703



6.5988, 6.7664, 7.3380



11.0668, 5.6810, 1.6108



0.1763, 0.0893, 0.0810

Previews

White Background



This preview shows how the XYZ color 28.7279, 29.6810, 32.2318 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 28.7279, 29.6810, 32.2318 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

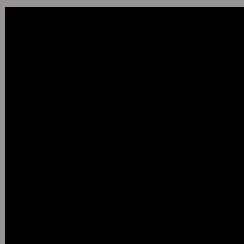
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

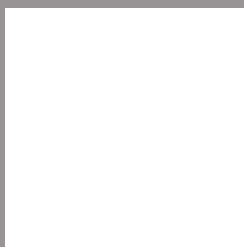
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.7279, 29.6810, 32.2318

Background



This preview shows how black text looks on a background with the XYZ color 28.7279, 29.6810, 32.2318.



This preview shows how white text looks on a background with the XYZ color 28.7279, 29.6810,

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

28.7279, 29.6810, 32.2318

Protanopia

28.5415, 29.5849, 32.2231

Deuteranopia

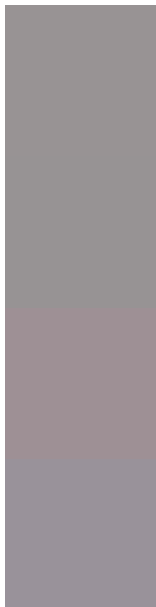
30.1476, 29.4962, 32.5382



Tritanopia

29.5016, 29.7644, 36.0885

Trichromacy



Original Color

28.7279, 29.6810, 32.2318

Protanomaly

28.5415, 29.5849, 32.2231

Deuteranomaly

29.4986, 29.3855, 32.5510

Tritanomaly

29.2485, 29.6632, 34.7559

Monochromacy



Original Color

28.7279, 29.6810, 32.2318

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.5924, 29.8338, 32.6853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.7279, 29.6810, 32.2318 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(152, 147, 148)` looks like.

```
.text, #text, p{  
    color:rgb(152, 147, 148)  
}
```

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(152, 147, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 147, 148) }
```

Border

The CSS property to change the border of an element to XYZ 28.7279, 29.6810, 32.2318 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(152, 147, 148) }
```


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

```
.border{ border-color:rgb(152, 147, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 147, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 147, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 147, 148);  
box-shadow:4px 4px 4px 4px rgb(152, 147,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 28.7279, 29.6810, 32.2318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 147, 148) }
```

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

```
.background{ background-color: rgb(152,  
147, 148) }
```

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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