

Converting Colors

XYZ(28.7354, 29.8020, 34.7909)

Have a look what the booklet for
XYZ(28.7354, 29.8020, 34.7909)
contains.

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Color

**XYZ(28.8171, 29.9025,
34.8248)**

Conversions

Conversions Part 1

Format	Color
Hex	95949A
RGB	149, 148, 154
RGB Percent	58%, 58%, 60%
CMY	0.4157, 0.4196, 0.3961
CMYK	0.03, 0.04, 0.00, 0.40
HSL	250°, 3%, 59%
HSV	250°, 4%, 60%
XYZ	28.8171, 29.9025, 34.8248
YIQ	148.9830, -1.3300, 2.0780

Conversions

Conversions Part 2

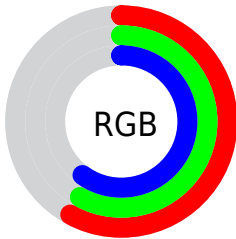
Format	Color
RYB	149, 148, 154
Decimal	9802906
CIELab	61.57, 1.54, -3.03
CIELCh	62, 3.404, 296.982
Yxy	29.9025, 0.3081, 0.3197
Android (android.graphics.Color)	4287992986 (0xFF95949A)
YUV	148.9830, 2.4734, 0.0149
Hunter-Lab	54.6832, -1.6291, 0.5196

Details

The XYZ color **28.8171, 29.9025, 34.8248** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.0389, 32.0224, 32.6162**, and the grayscale version is **28.5510, 30.0379, 32.7112**.

A 20% lighter version of the original color is **57.1343, 59.4916, 68.1462**, and **11.7599, 12.1253, 14.5526** is the 20% darker color. If you saturate the color by 10%, you get **24.3460, 24.2477, 33.9694**, and if you desaturate by 10%, it is **33.8696, 36.3358, 35.8007**.

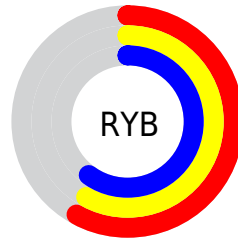
Distribution



Red (58%)

Green (58%)

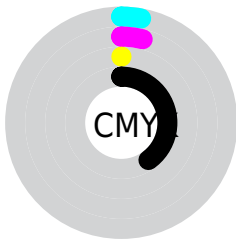
Blue (60%)



Red (58%)

Yellow (58%)

Blue (60%)

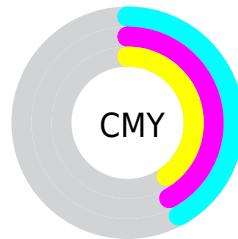


Cyan (3%)

Magenta (4%)

Yellow (0%)

Black (40%)



Cyan (42%)

Magenta (42%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8171, 29.9025, 34.8248 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, 29.9025, 34.8248 by changing the saturation by 10% instead.

■ 28.8171, 29.9025,
34.8248

■ 28.8171, 29.9025,
34.8248

288.3608,
301.4497, 338.6751

■ 19.0861, 19.7646,
23.2455

■ 57.1859, 59.5080,
68.3628

■ 11.8369, 12.2240,
14.5679

■ 76.5545, 79.7443,
91.1585

■ 6.7041, 6.8965,
8.3734

99.8662, 104.1156,
118.5301

■ 3.3224, 3.3974,
4.2436

127.4866,
133.0062, 150.8961

■ 1.3265, 1.3426,
1.7599

159.7808,
166.8005, 188.6750

■ 0.2029, 0.1738,
0.4013

197.1144,

■ 0.0000, 0.0000,

205.8829, 232.2855

0.0000

239.8526,
250.6379, 282.1460

■ 28.8171, 29.9025,
34.8248

■ 28.8171, 29.9025,
34.8248

■ 24.3460, 24.2477,
33.9694

■ 33.8696, 36.3358,
35.8007

■ 20.4327, 19.3381,
33.2280

■ 39.5208, 43.5716,
36.8995

■ 17.0559, 15.1435,
32.5964

■ 45.7903, 51.6377,
38.1260

■ 14.1919, 11.6303,
32.0692

■ 52.6963, 60.5595,
39.4841

■ 11.8152, 8.7623,
31.6409

■ 60.2562, 70.3611,
40.9775

■ 9.8980, 6.4997,
31.3052

■ 68.4865, 81.0657,
42.6099

■ 8.4099, 4.7982,
31.0552

■ 77.1461, 92.1815,
44.2991

■ 7.3162, 3.6076,
30.8831

■ 81.6329, 94.4945,
44.5091

■ 6.5767, 2.8681,
30.7793

■ 82.8328, 95.1131,
44.5652

Harmonies

Analogous

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



28.3758, 29.9025, 35.1050



28.8171, 29.9025, 34.8248



29.1555, 29.9025, 33.9323

Triad

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



28.8171, 29.9025, 34.8248



28.8971, 29.9025, 30.5184



27.5634, 29.9025, 32.4280

Complementary

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



28.8171, 29.9025, 34.8248



30.0389, 32.0224, 32.6162

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.



27.6998, 29.9025, 31.2228



28.8171, 29.9025, 34.8248



28.4672, 29.9025, 30.1387

Square

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



28.8171, 29.9025, 34.8248



29.2020, 29.9025, 31.4438



28.0294, 29.9025, 30.3932



27.6549, 29.9025, 33.6998

Rectangle

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



28.8171, 29.9025, 34.8248



29.2756, 29.9025, 33.1219



28.0294, 29.9025, 30.3932



27.5840, 29.9025, 32.0020

Sweetspot

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



28.8180, 29.9038, 34.8255



54.8776, 57.5336, 63.7490



29.4541, 31.4451, 35.0894



12.4336, 13.0381, 14.4317



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.



28.8180, 29.9038, 34.8255



51.3147, 53.0091, 63.0635



29.3539, 30.1800, 34.8505



6.3565, 6.5556, 7.8593



5.1130, 2.0869, 25.0410



0.0976, 0.0421, 0.3754

Inverse Universe

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



29.6672, 30.3511, 34.4332



53.3208, 54.0660, 62.1311



29.4980, 31.7436, 32.5909



6.6273, 6.6983, 7.7332



14.0637, 6.8797, 17.3924



0.2206, 0.1070, 0.3145

Previews

White Background



This preview shows how the XYZ color 28.8171, 29.9025, 34.8248 looks on a white background.

Color Contrast Check

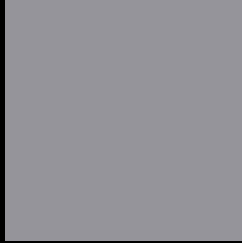
Large Text (above 18pt) WCAG AA ✓ Pass

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, 29.9025, 34.8248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

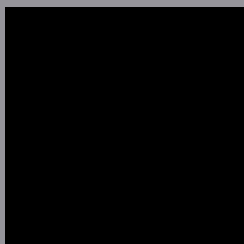
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.8171, 29.9025, 34.8248

Background



This preview shows how black text looks on a background with the XYZ color 28.8171, 29.9025, 34.8248.



This preview shows how white text looks on a background with the XYZ color 28.8171, 29.9025,

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, 29.9025, 34.8248

Protanopia

29.0003, 29.9969, 34.8334

Deuteranopia

30.3869, 29.7867, 35.1582



Tritanopia

29.2694, 29.8547, 37.0208

Trichromacy



Original Color

28.8171, 29.9025, 34.8248

Protanomaly

29.0003, 29.9969, 34.8334

Deuteranomaly

29.7521, 29.6853, 35.1721

Tritanomaly

29.0972, 29.7858, 36.1139

Monochromacy



Original Color

28.8171, 29.9025, 34.8248

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.7278, 30.1188, 33.5776

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8171, 29.9025, 34.8248 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(149, 148, 154)` looks like.

```
.text, #text, p{  
    color:rgb(149, 148, 154)  
}
```

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(149, 148, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 148, 154) }
```

Border

The CSS property to change the border of an element to XYZ 28.8171, 29.9025, 34.8248 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(149, 148, 154) }
```


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

```
.border{ border-color:rgb(149, 148, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 148, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 148, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 148, 154);  
box-shadow:4px 4px 4px 4px rgb(149, 148,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8171, 29.9025, 34.8248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 148, 154) }
```

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

```
.background{ background-color: rgb(149,  
148, 154) }
```

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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