

Converting Colors

XYZ(28.3477, 29.6136, 32.0456)

Have a look what the booklet for
XYZ(28.3477, 29.6136, 32.0456)
contains.

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Color

**XYZ(28.5129, 29.8020,
32.2665)**

Conversions

Conversions Part 1

Format	Color
Hex	969494
RGB	150, 148, 148
RGB Percent	59%, 58%, 58%
CMY	0.4118, 0.4196, 0.4196
CMYK	0.00, 0.01, 0.01, 0.41
HSL	0°, 1%, 58%
HSV	0°, 1%, 59%
XYZ	28.5129, 29.8020, 32.2665
YIQ	148.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

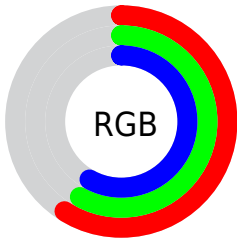
Format	Color
R _Y B	150, 148, 148
Decimal	9868436
CIE Lab	61.48, 0.73, 0.25
CIE LCh	61, 0.775, 18.920
Yxy	29.8020, 0.3148, 0.3290
Android (android.graphics.Color)	4288058516 (0xFF969494)
YUV	148.5980, -0.2948, 1.2296
Hunter-Lab	54.5912, -2.3044, 3.1701

Details

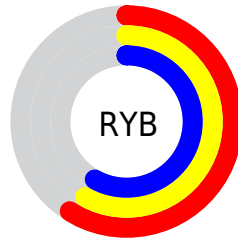
The XYZ color **28.5129, 29.8020, 32.2665** is a light color, and the websafe version is hex **999999**. A complement of this color would be **28.6241, 30.3101, 33.1964**, and the grayscale version is **28.3999, 29.8789, 32.5381**.

A 20% lighter version of the original color is **56.6830, 59.3427, 64.3439**, and **11.5780, 12.0651, 13.0278** is the 20% darker color. If you saturate the color by 10%, you get **25.2025, 24.9595, 25.6800**, and if you desaturate by 10%, it is **32.2829, 35.3167, 39.7661**.

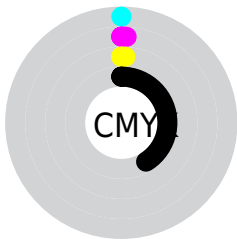
Distribution



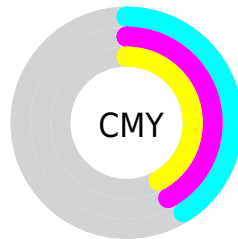
- Red (59%)
- Green (58%)
- Blue (58%)



- Red (59%)
- Yellow (58%)
- Blue (58%)



- Cyan (0%)
- Magenta (1%)
- Yellow (1%)
- Black (41%)



- Cyan (41%)
- Magenta (42%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5129, 29.8020, 32.2665 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 28.5129, 29.8020, 32.2665 by changing the saturation by 10% instead.

■ 28.5129, 29.8020,
32.2665

■ 28.5129, 29.8020,
32.2665

286.9455,
300.9804, 326.8615

■ 18.8551, 19.6883,
21.2986

■ 56.7052, 59.3489,
64.3314

■ 11.6690, 12.1687,
13.1491

■ 75.9704, 79.5510,
86.2655

■ 6.5893, 6.8587,
7.3994

99.1688, 103.8846,
112.6921

■ 3.2506, 3.3739,
3.6309

126.6657,
132.7342, 144.0298

■ 1.2876, 1.3299,
1.4251

158.8264,
166.4842, 180.6970

■ 0.1739, 0.1642,
0.1612

196.0164,

■ 0.0000, 0.0000,

205.5190, 223.1123

0.0000

238.6010,
250.2229, 271.6943

■ 28.5129, 29.8020,
32.2665

■ 28.5129, 29.8020,
32.2665

■ 25.2025, 24.9595,
25.6800

■ 32.2829, 35.3167,
39.7661

■ 22.3318, 20.7600,
19.9698

■ 36.5265, 41.5239,
48.2099

■ 19.8831, 17.1774,
15.0998

■ 41.2603, 48.4478,
57.6295

■ 17.8364, 14.1828,
11.0301

■ 46.4992, 56.1104,
68.0550

■ 16.1703, 11.7448,
7.7181

■ 52.2576, 64.5324,
79.5148

■ 14.8613, 9.8290,
5.1169

■ 58.5492, 73.7342,
92.0364

■ 13.8834, 8.3974,
3.1747

■ 65.3872, 83.7350,
105.6461

■ 13.2069, 7.4068,
1.8322

■ 66.3879, 85.2241,
107.5586

■ 12.7969, 6.8061,
1.0200

Harmonies

Analogous

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



28.5199, 29.8020, 32.5580



28.5129, 29.8020, 32.2665



28.4557, 29.8020, 32.0254

Triad

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



28.5129, 29.8020, 32.2665



28.1775, 29.8020, 32.0795



28.2880, 29.8020, 33.0068

Complementary

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



28.5129, 29.8020, 32.2665



28.6241, 30.3101, 33.1964

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.



28.1965, 29.8020, 32.8770



28.5129, 29.8020, 32.2665



28.1328, 29.8020, 32.3409

Square

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



28.5129, 29.8020, 32.2665



28.2620, 29.8020, 31.9179



28.1397, 29.8020, 32.6328



28.3899, 29.8020, 32.9866

Rectangle

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



28.5129, 29.8020, 32.2665



28.3969, 29.8020, 31.9251



28.1397, 29.8020, 32.6328



28.2550, 29.8020, 32.9792

Sweetspot

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



28.5137, 29.8033, 32.2671



51.1593, 53.8236, 58.6138



28.6730, 29.8663, 33.1081



11.3376, 11.9280, 12.9896



71.1368, 74.8414, 81.5023

Same Dimension

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



28.5137, 29.8033, 32.2671



49.8810, 51.9537, 56.0707



28.6708, 30.1175, 32.3195



6.3534, 6.6241, 7.1555



10.4338, 5.3820, 0.4889



0.1278, 0.0661, 0.0060

Inverse Universe

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



28.6241, 30.3101, 33.1964



50.1774, 53.3156, 58.5675



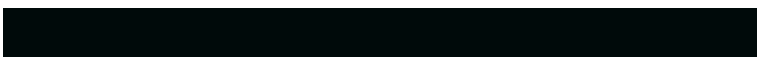
28.4656, 29.9932, 33.1436



6.3874, 6.7802, 7.4418



13.5832, 19.8611, 27.0487



0.1664, 0.2435, 0.3311

Previews

White Background



This preview shows how the XYZ color 28.5129, 29.8020, 32.2665 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 28.5129, 29.8020, 32.2665 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

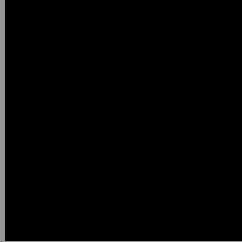
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.5129, 29.8020, 32.2665

Background



This preview shows how black text looks on a background with the XYZ color 28.5129, 29.8020, 32.2665.

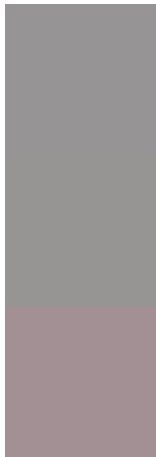


This preview shows how white text looks on a background with the XYZ color 28.5129, 29.8020,

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

28.5129, 29.8020, 32.2665

Protanopia

28.6977, 29.8972, 32.2752

Deuteranopia

30.2984, 29.7978, 32.5884



Tritanopia

29.3993, 29.7018, 36.5313

Trichromacy



Original Color

28.5129, 29.8020, 32.2665

Protanomaly

28.6977, 29.8972, 32.2752

Deuteranomaly

29.6508, 29.6898, 32.6017

Tritanomaly

29.0290, 29.7798, 34.7899

Monochromacy



Original Color

28.5129, 29.8020, 32.2665

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

28.5667, 30.0544, 32.7292

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5129, 29.8020, 32.2665 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(150, 148, 148)` looks like.

```
.text, #text, p{  
    color:rgb(150, 148, 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(150, 148, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 148, 148) }
```

Border

The CSS property to change the border of an element to XYZ 28.5129, 29.8020, 32.2665 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(150, 148, 148) }
```

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

```
.border{ border-color:rgb(150, 148, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 148, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 148, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 148, 148);  
box-shadow:4px 4px 4px 4px rgb(150, 148,  
148) }
```


Background

The CSS property to change the background color of an element to XYZ 28.5129, 29.8020, 32.2665 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 148, 148) }
```

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

```
.background{ background-color: rgb(150,  
148, 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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