

Converting Colors

XYZ(28.9874, 28.2967, 35.2724)

Have a look what the booklet for
XYZ(28.9874, 28.2967, 35.2724)
contains.

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Color

**XYZ(29.0432, 28.4186,
35.4071)**

Conversions

Conversions Part 1

Format	Color
Hex	9B8D9C
RGB	155, 141, 156
RGB Percent	61%, 55%, 61%
CMY	0.3922, 0.4470, 0.3882
CMYK	0.01, 0.10, 0.00, 0.39
HSL	296°, 7%, 58%
HSV	296°, 10%, 61%
XYZ	29.0432, 28.4186, 35.4071
YIQ	146.8960, 3.5290, 7.6330

Conversions

Conversions Part 2

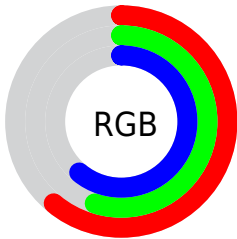
Format	Color
R_{YB}	155, 141, 156
Decimal	10194332
CIE _{Lab}	60.27, 8.05, -6.04
CIE _{LCh}	60, 10.061, 323.096
Yxy	28.4186, 0.3127, 0.3060
Android (android.graphics.Color)	4288384412 (0xFF9B8D9C)
YUV	146.8960, 4.4883, 7.1072
Hunter-Lab	53.3091, 3.9572, -2.0632

Details

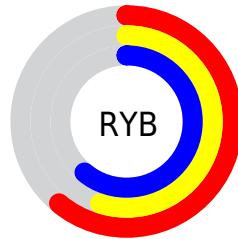
The XYZ color **29.0432, 28.4186, 35.4071** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.8525, 31.4515, 29.8035**, and the grayscale version is **27.6719, 29.1130, 31.7041**.

A 20% lighter version of the original color is **57.4425, 57.2387, 68.9934**, and **11.9998, 11.4451, 14.9413** is the 20% darker color. If you saturate the color by 10%, you get **26.7047, 24.0362, 34.6849**, and if you desaturate by 10%, it is **31.7091, 33.4524, 36.2386**.

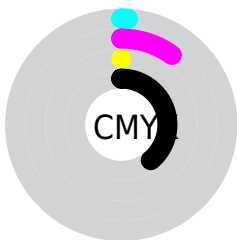
Distribution



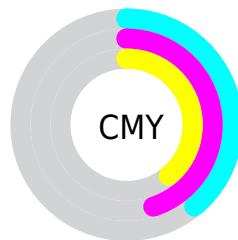
- Red (61%)
- Green (55%)
- Blue (61%)



- Red (61%)
- Yellow (55%)
- Blue (61%)



- Cyan (1%)
- Magenta (10%)
- Yellow (0%)
- Black (39%)



- Cyan (39%)
- Magenta (45%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0432, 28.4186, 35.4071 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 29.0432, 28.4186, 35.4071 by changing the saturation by 10% instead.

■ 29.0432, 28.4186,
35.4071

■ 29.0432, 28.4186,
35.4071

289.4093,
294.4618, 341.3203

■ 19.2580, 18.6414,
23.6906

■ 57.5428, 57.1521,
69.2747

■ 11.9619, 11.4115,
14.8942

■ 76.9879, 76.8772,
92.2628

■ 6.7898, 6.3443,
8.5994

■ 100.3836,
100.6870, 119.8452

■ 3.3761, 3.0556,
4.3876

128.0953,
128.9661, 152.4404

■ 1.3556, 1.1608,
1.8403

160.4883,
162.0987, 190.4670

■ 0.2243, 0.0293,
0.4543

197.9281,

■ 0.0000, 0.0000,

200.4692, 234.3435

0.0000

240.7800,
244.4621, 284.4884

■ 29.0432, 28.4186,
35.4071

■ 29.0432, 28.4186,
35.4071

■ 26.7047, 24.0362,
34.6849

■ 31.7091, 33.4524,
36.2386

■ 24.6776, 20.2744,
34.0656

■ 34.7127, 39.1593,
37.1819

■ 22.9483, 17.1059,
33.5452

■ 38.0666, 45.5644,
38.2414

■ 21.5013, 14.4993,
33.1183

■ 41.7824, 52.6907,
39.4211

■ 20.3196, 12.4209,
32.7794

■ 45.8709, 60.5599,
40.7245

■ 19.3844, 10.8328,
32.5222

■ 50.3426, 69.1928,
42.1551

■ 18.6744, 9.6927,
32.3396

■ 55.2075, 78.6095,
43.7163

■ 18.1646, 8.9505,
32.2232

■ 56.9310, 81.7408,
44.2299

■ 17.7977, 8.4916,
32.1539

■ 57.1454, 81.8514,
44.2399

Harmonies

Analogous

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



27.9957, 28.4186, 37.9473



29.0432, 28.4186, 35.4071



29.5488, 28.4186, 31.8047

Triad

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



29.0432, 28.4186, 35.4071



27.3102, 28.4186, 24.4137



24.7933, 28.4186, 33.8138

Complementary

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



29.0432, 28.4186, 35.4071



27.8525, 31.4515, 29.8035

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.



24.6229, 28.4186, 30.0971



29.0432, 28.4186, 35.4071



26.0498, 28.4186, 24.8585

Square

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



29.0432, 28.4186, 35.4071



28.5278, 28.4186, 25.6036



25.0759, 28.4186, 26.8709



25.5490, 28.4186, 36.9775

Rectangle

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



29.0432, 28.4186, 35.4071



29.4994, 28.4186, 29.3613



25.0759, 28.4186, 26.8709



24.6667, 28.4186, 32.5805

Sweetspot

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



29.0440, 28.4198, 35.4077



55.8559, 57.4727, 65.2762



26.6967, 27.4849, 35.3510



12.2072, 12.4886, 14.3375



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.



29.0440, 28.4198, 35.4077



51.5804, 49.4166, 63.9465



28.7210, 28.3129, 32.7008



6.8605, 6.7321, 8.3445



14.6599, 6.9865, 26.4831



0.2739, 0.1310, 0.4741

Inverse Universe

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



28.1186, 28.0719, 29.5290



49.4825, 48.6289, 50.5762



28.1601, 31.5548, 32.3143



6.6501, 6.6530, 7.0086



11.3453, 5.8427, 0.8032



0.2075, 0.1063, 0.0389

Previews

White Background



This preview shows how the XYZ color 29.0432, 28.4186, 35.4071 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 29.0432, 28.4186, 35.4071 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 29.0432, 28.4186, 35.4071

Background



This preview shows how black text looks on a background with the XYZ color 29.0432, 28.4186, 35.4071.



This preview shows how white text looks on a background with the XYZ color 29.0432, 28.4186,

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

29.0432, 28.4186, 35.4071

Protanopia

27.6464, 28.3444, 36.3617

Deuteranopia

29.0432, 28.4186, 35.4071



Tritanopia

28.9403, 28.6145, 34.1348

Trichromacy



Original Color

29.0432, 28.4186, 35.4071

Protanomaly

28.1210, 28.3751, 35.8931

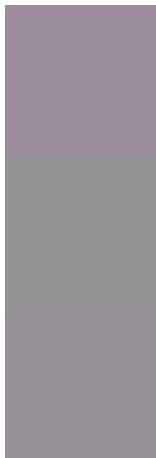
Deuteranomaly

29.0432, 28.4186, 35.4071

Tritanomaly

29.0233, 28.6477, 34.5717

Monochromacy



Original Color

29.0432, 28.4186, 35.4071

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.2081, 28.9368, 32.9528

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0432, 28.4186, 35.4071 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(155, 141, 156)` looks like.

```
.text, #text, p{  
    color:rgb(155, 141, 156)  
}
```

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(155, 141, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 141, 156) }
```

Border

The CSS property to change the border of an element to XYZ 29.0432, 28.4186, 35.4071 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(155, 141, 156) }
```


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

```
.border{ border-color:rgb(155, 141, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 141, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 141, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 141, 156);  
box-shadow:4px 4px 4px 4px rgb(155, 141,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0432, 28.4186, 35.4071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 141, 156) }
```

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

```
.background{ background-color: rgb(155,  
141, 156) }
```

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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