

Converting Colors

XYZ(29.4597, 30.1992, 29.7893)

Have a look what the booklet for
XYZ(29.4597, 30.1992, 29.7893)
contains.

XYZ(29.4168, 30.0895, 29.8486)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(29.4168, 30.0895,
29.8486)**

Conversions

Conversions Part 1

Format	Color
Hex	9E938E
RGB	158, 147, 142
RGB Percent	62%, 58%, 56%
CMY	0.3804, 0.4235, 0.4431
CMYK	0.00, 0.07, 0.10, 0.38
HSL	19°, 8%, 59%
HSV	19°, 10%, 62%
XYZ	29.4168, 30.0895, 29.8486
YIQ	149.7190, 8.1610, 0.7770

Conversions

Conversions Part 2

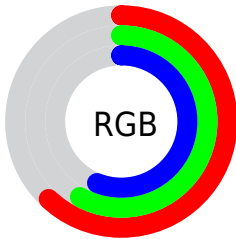
Format	Color
RYB	158, 149, 142
Decimal	10392462
CIELab	61.73, 3.16, 4.10
CIELCh	62, 5.176, 52.331
Yxy	30.0895, 0.3292, 0.3367
Android (android.graphics.Color)	4288582542 (0xFF9E938E)
YUV	149.7190, -3.8055, 7.2624
Hunter-Lab	54.8539, -0.2691, 6.1352

Details

The XYZ color **29.4168, 30.0895, 29.8486** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.7182, 31.0015, 36.8186**, and the grayscale version is **28.8842, 30.3885, 33.0930**.

A 20% lighter version of the original color is **58.2910, 59.9049, 60.7151**, and **12.1780, 12.2642, 11.8506** is the 20% darker color. If you saturate the color by 10%, you get **26.7041, 26.4296, 23.5007**, and if you desaturate by 10%, it is **32.4589, 34.1382, 37.1367**.

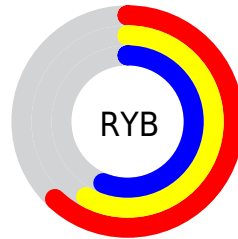
Distribution



Red (62%)

Green (58%)

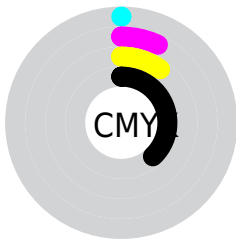
Blue (56%)



Red (62%)

Yellow (58%)

Blue (56%)

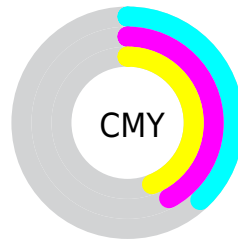


Cyan (0%)

Magenta (7%)

Yellow (10%)

Black (38%)



Cyan (38%)

Magenta (42%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.4168, 30.0895, 29.8486 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 29.4168, 30.0895, 29.8486 by changing the saturation by 10% instead.

■ 29.4168, 30.0895,
29.8486

■ 29.4168, 30.0895,
29.8486

291.1353,
302.3214, 315.3834

■ 19.5422, 19.9065,
19.4726

■ 58.1316, 59.8037,
60.4808

■ 12.1690, 12.3271,
11.8320

■ 77.7026, 80.1037,
81.5742

■ 6.9319, 6.9669,
6.5083

101.2364,
104.5448, 107.0771

■ 3.4655, 3.4414,
3.0828

129.0984,
133.5115, 137.4080

■ 1.4045, 1.3663,
1.1371

161.6539,
167.3881, 172.9856

■ 0.2594, 0.1917,
0.0000

199.2683,

■ 0.0000, 0.0000,

206.5590, 214.2283

0.0000

242.3070,
251.4087, 261.5547

■ 29.4168, 30.0895,
29.8486

■ 29.4168, 30.0895,
29.8486

■ 26.7041, 26.4296,
23.5007

■ 32.4589, 34.1382,
37.1367

■ 24.3067, 23.1429,
18.0525

■ 35.8386, 38.5829,
45.3993

■ 22.2134, 20.2186,
13.4634

■ 39.5671, 43.4355,
54.6714

■ 20.4113, 17.6438,
9.6889

■ 43.6543, 48.7062,
64.9857

■ 18.8864, 15.4049,
6.6807

■ 48.1097, 54.4049,
76.3733

■ 17.6234, 13.4871,
4.3850

■ 52.9424, 60.5410,
88.8642

■ 16.6056, 11.8746,
2.7410

■ 58.1611, 67.1239,
102.4871

■ 15.8137, 10.5501,
1.6776

■ 61.5406, 73.2688,
105.5065

■ 15.2159, 9.4995,
1.0316

■ 64.7258, 79.6392,
106.5682

Harmonies

Analogous

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



29.8428, 30.0895, 31.3411



29.4168, 30.0895, 29.8486



28.7764, 30.0895, 29.1425

Triad

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



29.4168, 30.0895, 29.8486



27.3056, 30.0895, 32.2584



29.1057, 30.0895, 36.4005

Complementary

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



29.4168, 30.0895, 29.8486



28.7182, 31.0015, 36.8186

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.



28.4227, 30.0895, 36.6701



29.4168, 30.0895, 29.8486



27.3906, 30.0895, 34.2259

Square

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



29.4168, 30.0895, 29.8486



27.5628, 30.0895, 30.4970



27.7968, 30.0895, 35.8598



29.6612, 30.0895, 35.1372

Rectangle

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



29.4168, 30.0895, 29.8486



28.3170, 30.0895, 29.1922



27.7968, 30.0895, 35.8598



28.8832, 30.0895, 36.6124

Sweetspot

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



29.4176, 30.0908, 29.8492



57.2621, 59.7651, 63.3782



29.5403, 28.9221, 34.2497



12.8106, 13.3424, 14.0503



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.



29.4176, 30.0908, 29.8492



52.3340, 53.1849, 51.6356



30.6716, 32.5988, 30.2672



6.7939, 6.9677, 6.9725



12.2181, 7.6718, 0.8368



0.2538, 0.2079, 0.0268

Inverse Universe

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



28.7182, 31.0015, 36.8186



50.8208, 55.1544, 66.7108



27.4833, 28.5319, 36.4069



6.6468, 7.1593, 8.4382



9.3247, 10.7410, 27.4890



0.2026, 0.2637, 0.5035

Previews

White Background



This preview shows how the XYZ color 29.4168, 30.0895, 29.8486 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 29.4168, 30.0895, 29.8486 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 ✓ Pass

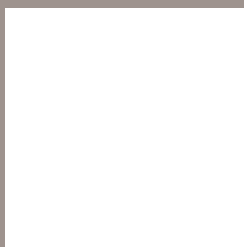
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 29.4168, 30.0895, 29.8486

Background



This preview shows how black text looks on a background with the XYZ color 29.4168, 30.0895, 29.8486.



This preview shows how white text looks on a background with the XYZ color 29.4168, 30.0895,

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

29.4168, 30.0895, 29.8486

Protanopia

28.8422, 30.2504, 30.3054

Deuteranopia

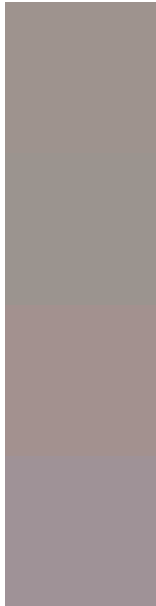
30.6571, 30.0367, 30.1685



Tritanopia

30.6234, 30.1247, 35.6531

Trichromacy



Original Color

29.4168, 30.0895, 29.8486

Protanomaly

29.0654, 30.1315, 30.2707

Deuteranomaly

30.1876, 30.0205, 30.1901

Tritanomaly

30.1629, 30.1631, 33.5105

Monochromacy



Original Color

29.4168, 30.0895, 29.8486

Achromatopsia

28.9890, 30.4987, 33.2131

Achromatomaly

29.1508, 30.3738, 31.9301

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4168, 30.0895, 29.8486 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(158, 147, 142) looks like.

```
.text, #text, p{  
    color:rgb(158, 147, 142)  
}
```

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(158, 147, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 147, 142) }
```

Border

The CSS property to change the border of an element to XYZ 29.4168, 30.0895, 29.8486 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(158, 147, 142) }
```


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

```
.border{ border-color:rgb(158, 147, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 147, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 147, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 147, 142);  
box-shadow:4px 4px 4px 4px rgb(158, 147,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4168, 30.0895, 29.8486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 147, 142) }
```

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

```
.background{ background-color: rgb(158,  
147, 142) }
```

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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