

Converting Colors

XYZ(25.9132, 29.8658, 29.2448)

Have a look what the booklet for
XYZ(25.9132, 29.8658, 29.2448)
contains.

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Color

**XYZ(25.9621, 29.9912,
29.2315)**

Conversions

Conversions Part 1

Format	Color
Hex	859A8C
RGB	133, 154, 140
RGB Percent	52%, 60%, 55%
CMY	0.4784, 0.3961, 0.4510
CMYK	0.14, 0.00, 0.09, 0.40
HSL	140°, 9%, 56%
HSV	140°, 14%, 60%
XYZ	25.9621, 29.9912, 29.2315
YIQ	146.1250, -8.0220, -8.8060

Conversions

Conversions Part 2

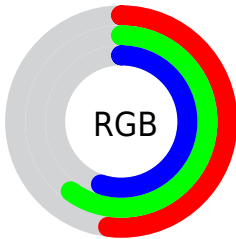
Format	Color
RYB	133, 149, 154
Decimal	8755852
CIELab	61.65, -10.27, 4.85
CIELCh	62, 11.356, 154.702
Yxy	29.9912, 0.3048, 0.3521
Android (android.graphics.Color)	4286945932 (0xFF859A8C)
YUV	146.1250, -3.0196, -11.5106
Hunter-Lab	54.7642, -11.2158, 6.6877

Details

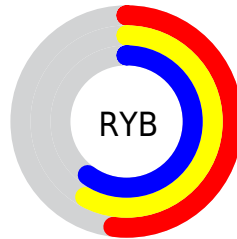
The XYZ color **25.9621, 29.9912, 29.2315** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.9815, 25.7524, 31.1538**, and the grayscale version is **27.3879, 28.8142, 31.3787**.

A 20% lighter version of the original color is **52.5432, 59.4459, 59.7438**, and **10.2630, 12.2777, 11.5018** is the 20% darker color. If you saturate the color by 10%, you get **22.9847, 28.5406, 25.3230**, and if you desaturate by 10%, it is **29.3683, 31.6564, 33.5301**.

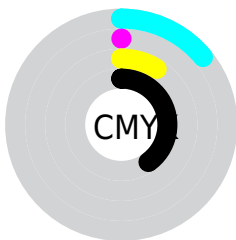
Distribution



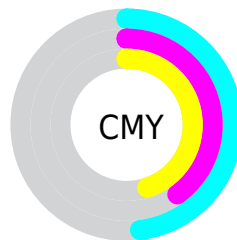
- Red (52%)
- Green (60%)
- Blue (55%)



- Red (52%)
- Yellow (58%)
- Blue (60%)



- Cyan (14%)
- Magenta (0%)
- Yellow (9%)
- Black (40%)



- Cyan (48%)
- Magenta (40%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.9621, 29.9912, 29.2315 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 25.9621, 29.9912, 29.2315 by changing the saturation by 10% instead.

■ 25.9621, 29.9912,
29.2315

■ 25.9621, 29.9912,
29.2315

274.8561,
301.8634, 312.4007

■ 16.9278, 19.8319,
19.0089

■ 52.6455, 59.6483,
59.4913

■ 10.2780, 12.2729,
11.4999

■ 71.0254, 79.9148,
80.3655

■ 5.6474, 6.9298,
6.2857

■ 93.2512, 104.3193,
105.6275

■ 2.6705, 3.4183,
2.9480

119.6882,
133.2460, 135.6956

■ 0.9820, 1.3538,
1.0681

150.7019,
167.0793, 170.9884

■ 0.0000, 0.1823,
0.0000

186.6575,

■ 0.0000, 0.0000,

206.2038, 211.9245

0.0000

227.9205,
251.0037, 258.9224

■ 25.9621, 29.9912,
29.2315

■ 25.9621, 29.9912,
29.2315

■ 22.9847, 28.5406,
25.3230

■ 29.3683, 31.6564,
33.5301

■ 20.4163, 27.2920,
21.7919

■ 33.2173, 33.5407,
38.2273

■ 18.2391, 26.2374,
18.6273

■ 37.5253, 35.6529,
43.3338

■ 16.4330, 25.3667,
15.8174

■ 42.3070, 38.0007,
48.8592

■ 14.9761, 24.6687,
13.3497

■ 47.5766, 40.5909,
54.8128

■ 13.8441, 24.1313,
11.2107

■ 53.3474, 43.4304,
61.2037

■ 13.0093, 23.7405,
9.3863

■ 59.6324, 46.5256,
68.0406

■ 12.4390, 23.4797,
7.8611

■ 65.9998, 49.6538,
75.3114

■ 12.1610, 23.3543,
7.0371

■ 67.4196, 50.2217,
82.7882

Harmonies

Analogous

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



26.8856, 29.9912, 26.2890



25.9621, 29.9912, 29.2315



25.7106, 29.9912, 33.3413

Triad

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



25.9621, 29.9912, 29.2315



28.7443, 29.9912, 41.6570



30.9583, 29.9912, 28.1492

Complementary

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



25.9621, 29.9912, 29.2315



26.9815, 25.7524, 31.1538

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.



31.4964, 29.9912, 31.9788



25.9621, 29.9912, 29.2315



30.1897, 29.9912, 39.9745

Square

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



25.9621, 29.9912, 29.2315



27.2837, 29.9912, 40.7591



31.2103, 29.9912, 36.3366



29.7637, 29.9912, 25.7039

Rectangle

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



25.9621, 29.9912, 29.2315



25.9501, 29.9912, 36.2526



31.2103, 29.9912, 36.3366



31.2239, 29.9912, 29.3043

Sweetspot

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



25.9629, 29.9925, 29.2322



53.0568, 57.3615, 60.5465



27.8859, 31.0415, 26.7126



11.9035, 12.9319, 13.5730



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.



25.9629, 29.9925, 29.2322



45.6350, 53.7363, 51.1261



26.7466, 30.3059, 33.3587



6.2128, 6.9579, 7.0443



9.9226, 19.0325, 5.8132



0.1640, 0.2908, 0.1695

Inverse Universe

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



26.9815, 25.7524, 31.1538



47.8089, 44.6858, 55.2267



26.2195, 25.4476, 27.1411



6.3736, 6.2886, 7.3477



12.8556, 6.3965, 11.0305



0.2089, 0.1023, 0.2528

Previews

White Background



This preview shows how the XYZ color 25.9621, 29.9912, 29.2315 looks on a white background.

Color Contrast Check

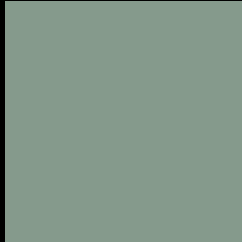
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.9621, 29.9912, 29.2315 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

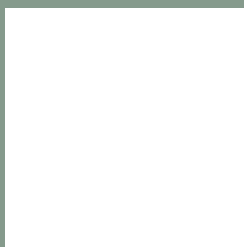
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.9621, 29.9912, 29.2315

Background



This preview shows how black text looks on a background with the XYZ color 25.9621, 29.9912, 29.2315.

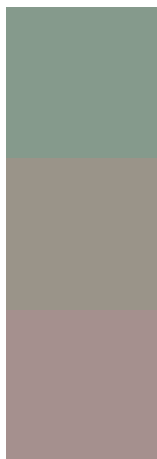


This preview shows how white text looks on a background with the XYZ color 25.9621, 29.9912,

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

25.9621, 29.9912, 29.2315

Protanopia

28.4317, 29.8560, 27.9312

Deuteranopia

30.3728, 29.8988, 29.7614



Tritanopia

27.9940, 30.0959, 38.9840

Trichromacy



Original Color

25.9621, 29.9912, 29.2315

Protanomaly

27.3479, 29.7587, 28.3474

Deuteranomaly

28.5345, 29.8752, 29.4619

Tritanomaly

27.2980, 30.0573, 35.3732

Monochromacy



Original Color

25.9621, 29.9912, 29.2315

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.7660, 29.1712, 30.6054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.9621, 29.9912, 29.2315 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(133, 154, 140)` looks like.

```
.text, #text, p{  
    color:rgb(133, 154, 140)  
}
```

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(133, 154, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 154, 140) }
```

Border

The CSS property to change the border of an element to XYZ 25.9621, 29.9912, 29.2315 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(133, 154, 140) }
```


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

```
.border{ border-color:rgb(133, 154, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 154, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 154, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 154, 140);  
box-shadow:4px 4px 4px 4px rgb(133, 154,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 25.9621, 29.9912, 29.2315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 154, 140) }
```

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

```
.background{ background-color: rgb(133,  
154, 140) }
```

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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