

Converting Colors

XYZ(23.9563, 31.0127, 28.2036)

Have a look what the booklet for
XYZ(23.9563, 31.0127, 28.2036)
contains.

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Color

**XYZ(23.9912, 31.0263,
28.3911)**

Conversions

Conversions Part 1

Format	Color
Hex	6FA289
RGB	111, 162, 137
RGB Percent	44%, 64%, 54%
CMY	0.5647, 0.3647, 0.4627
CMYK	0.31, 0.00, 0.15, 0.36
HSL	151°, 22%, 54%
HSV	151°, 31%, 64%
XYZ	23.9912, 31.0263, 28.3911
YIQ	143.9010, -22.3710, -18.5870

Conversions

Conversions Part 2

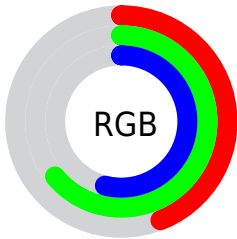
Format	Color
RYB	111, 145, 162
Decimal	7316105
CIELab	62.53, -22.50, 7.62
CIELCh	63, 23.756, 161.282
Yxy	31.0263, 0.2876, 0.3720
Android (android.graphics.Color)	4285506185 (0xFF6FA289)
YUV	143.9010, -3.4022, -28.8542
Hunter-Lab	55.7013, -20.5951, 8.7706

Details

The XYZ color **23.9912, 31.0263, 28.3911** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.0297, 20.8285, 25.9948**, and the grayscale version is **26.4898, 27.8693, 30.3496**.

A 20% lighter version of the original color is **49.4170, 61.2359, 57.9304**, and **9.2207, 12.8321, 11.0077** is the 20% darker color. If you saturate the color by 10%, you get **21.5860, 29.8506, 25.4137**, and if you desaturate by 10%, it is **26.8098, 32.4119, 31.6081**.

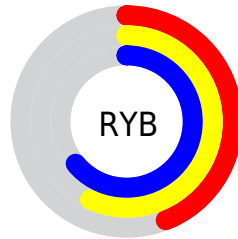
Distribution



Red (44%)

Green (64%)

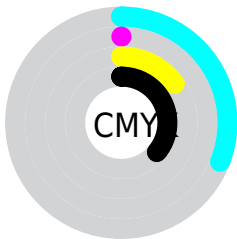
Blue (54%)



Red (44%)

Yellow (57%)

Blue (64%)

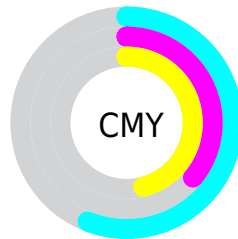


Cyan (31%)

Magenta (0%)

Yellow (15%)

Black (36%)



Cyan (56%)

Magenta (36%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9912, 31.0263, 28.3911 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 23.9912, 31.0263, 28.3911 by changing the saturation by 10% instead.

■ 23.9912, 31.0263,
28.3911

■ 23.9912, 31.0263,
28.3911

265.2173,
306.6595, 308.3016

■ 15.4518, 20.6189,
18.3791

■ 49.4706, 61.2815,
58.1388

■ 9.2255, 12.8457,
11.0502

■ 67.1413, 81.8980,
78.7116

■ 4.9468, 7.3224,
5.9860

■ 88.5865, 106.6864,
103.6418

■ 2.2505, 3.6645,
2.7679

■ 114.1716,
136.0310, 133.3478

■ 0.7692, 1.4877,
0.9774

144.2618,
170.3162, 168.2483

■ 0.0000, 0.2801,
0.0000

179.2226,

■ 0.0000, 0.0000,

209.9264, 208.7617

0.0000

219.4193,
255.2460, 255.3066

■ 23.9912, 31.0263,
28.3911

■ 23.9912, 31.0263,
28.3911

■ 21.5860, 29.8506,
25.4137

■ 26.8098, 32.4119,
31.6081

■ 19.5707, 28.8704,
22.6682

■ 30.0585, 34.0135,
35.0680

■ 17.9233, 28.0752,
20.1493

■ 33.7564, 35.8415,
38.7769

■ 16.6185, 27.4521,
17.8508

■ 37.9204, 37.9048,
42.7397

■ 15.6277, 26.9864,
15.7663

■ 42.5667, 40.2114,
46.9614

■ 14.9169, 26.6608,
13.8886

■ 47.7107, 42.7692,
51.4468

■ 14.4663, 26.4600,
12.4451

■ 53.3669, 45.5858,
56.2004

■ 59.5494, 48.6681,
61.2269

■ 65.6048, 51.6794,
66.4995

Harmonies

Analogous

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



25.5799, 31.0263, 22.1040



23.9912, 31.0263, 28.3911



23.8100, 31.0263, 37.3819

Triad

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



23.9912, 31.0263, 28.3911



30.7210, 31.0263, 54.3936



34.4059, 31.0263, 23.3561

Complementary

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



23.9912, 31.0263, 28.3911



25.0297, 20.8285, 25.9948

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.



36.0073, 31.0263, 30.4216



23.9912, 31.0263, 28.3911



33.7786, 31.0263, 48.9845

Square

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



23.9912, 31.0263, 28.3911



27.5415, 31.0263, 53.5777



35.7697, 31.0263, 39.8163



31.5273, 31.0263, 19.5844

Rectangle

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



23.9912, 31.0263, 28.3911



24.4951, 31.0263, 43.8824



35.7697, 31.0263, 39.8163



35.1206, 31.0263, 25.3647

Sweetspot

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



23.9921, 31.0276, 28.3918



56.0446, 62.4764, 65.1764



26.0253, 32.2659, 19.8955



12.3856, 13.9322, 14.4319



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



23.9921, 31.0276, 28.3918



40.3186, 54.7424, 47.5837



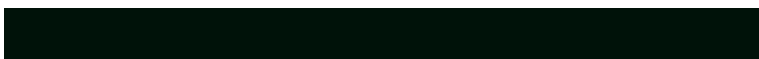
25.9985, 31.8302, 38.9575



7.1292, 7.9525, 8.2920



11.4183, 20.8537, 9.9191



0.2637, 0.4477, 0.3338

Inverse Universe

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



25.0297, 20.8285, 25.9948



42.5142, 33.1646, 42.5138



23.4548, 20.1986, 17.7018



7.2117, 7.1411, 8.1012



12.8843, 6.5098, 6.5813



0.2946, 0.1463, 0.2640

Previews

White Background



This preview shows how the XYZ color 23.9912, 31.0263, 28.3911 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 23.9912, 31.0263, 28.3911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

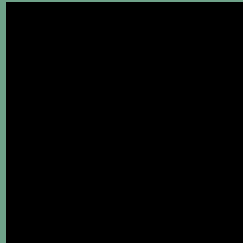
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 23.9912, 31.0263, 28.3911

Background



This preview shows how black text looks on a background with the XYZ color 23.9912, 31.0263, 28.3911.



This preview shows how white text looks on a background with the XYZ color 23.9912, 31.0263,

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

23.9912, 31.0263, 28.3911

Protanopia

29.1036, 30.7205, 25.8684

Deuteranopia

31.2212, 30.5793, 29.0678



Tritanopia

26.7839, 30.8678, 42.5766

Trichromacy



Original Color

23.9912, 31.0263, 28.3911

Protanomaly

26.7737, 30.4674, 26.6600

Deuteranomaly

27.9396, 30.2932, 28.8007

Tritanomaly

25.6399, 30.9097, 36.9626

Monochromacy



Original Color

23.9912, 31.0263, 28.3911

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

25.3900, 28.9618, 29.4513

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9912, 31.0263, 28.3911 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(111, 162, 137)` looks like.

```
.text, #text, p{  
    color:rgb(111, 162, 137)  
}
```

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(111, 162, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 162, 137) }
```

Border

The CSS property to change the border of an element to XYZ 23.9912, 31.0263, 28.3911 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(111, 162, 137) }
```


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

```
.border{ border-color:rgb(111, 162, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 162, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 162, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 162, 137);  
box-shadow:4px 4px 4px 4px rgb(111, 162,  
137) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9912, 31.0263, 28.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 162, 137) }
```

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

```
.background{ background-color: rgb(111,  
162, 137) }
```

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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