

Converting Colors

XYZ(22.8980, 28.8801, 29.4024)

Have a look what the booklet for
XYZ(22.8980, 28.8801, 29.4024)
contains.

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Color

**XYZ(23.0029, 28.9512,
29.5751)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9C8D
RGB	109, 156, 141
RGB Percent	43%, 61%, 55%
CMY	0.5725, 0.3882, 0.4471
CMYK	0.30, 0.00, 0.10, 0.39
HSL	161°, 19%, 52%
HSV	161°, 30%, 61%
XYZ	23.0029, 28.9512, 29.5751
YIQ	140.2370, -23.1970, -14.6290

Conversions

Conversions Part 2

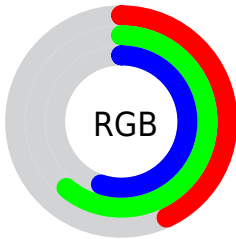
Format	Color
RYB	109, 137, 156
Decimal	7183501
CIELab	60.74, -19.18, 2.78
CIELCh	61, 19.380, 171.743
Yxy	28.9512, 0.2821, 0.3551
Android (android.graphics.Color)	4285373581 (0xFF6D9C8D)
YUV	140.2370, 0.3762, -27.3948
Hunter-Lab	53.8063, -17.8500, 5.0752

Details

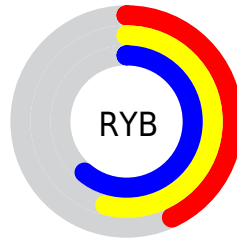
The XYZ color **23.0029, 28.9512, 29.5751** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **22.8181, 19.4613, 21.6238**, and the grayscale version is **25.0251, 26.3284, 28.6716**.

A 20% lighter version of the original color is **48.0449, 58.2100, 60.3332**, and **8.7435, 11.7883, 11.7121** is the 20% darker color. If you saturate the color by 10%, you get **20.8894, 27.9043, 27.5858**, and if you desaturate by 10%, it is **25.4753, 30.1827, 31.6694**.

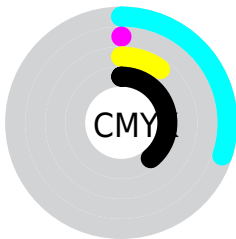
Distribution



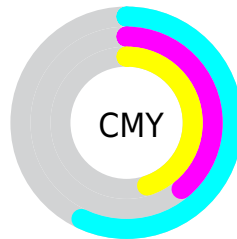
- Red (43%)
- Green (61%)
- Blue (55%)



- Red (43%)
- Yellow (54%)
- Blue (61%)



- Cyan (30%)
- Magenta (0%)
- Yellow (10%)
- Black (39%)



- Cyan (57%)
- Magenta (39%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0029, 28.9512, 29.5751 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 23.0029, 28.9512, 29.5751 by changing the saturation by 10% instead.

■ 23.0029, 28.9512,
29.5751

■ 23.0029, 28.9512,
29.5751

260.2749,
296.9846, 314.0643

■ 14.7164, 19.0439,
19.2670

■ 47.8647, 57.9995,
60.0426

■ 8.7056, 11.7020,
11.6846

■ 65.1707, 77.9094,
81.0391

■ 4.6052, 6.5411,
6.4094

■ 86.2139, 101.9222,
106.4355

■ 2.0499, 3.1768,
3.0228

■ 111.3596,
130.4224, 136.6502

■ 0.6618, 1.2247,
1.1063

140.9732,
163.7943, 172.1020

■ 0.0000, 0.0818,
0.0000

175.4200,

■ 0.0000, 0.0000,

202.4224, 213.2092

0.0000

215.0655,
246.6911, 260.3904

■ 23.0029, 28.9512,
29.5751

■ 23.0029, 28.9512,
29.5751

■ 20.8894, 27.9043,
27.5858

■ 25.4753, 30.1827,
31.6694

■ 19.1142, 27.0291,
25.6976

■ 28.3210, 31.6041,
33.8686

■ 17.6582, 26.3166,
23.9091

■ 31.5568, 33.2244,
36.1752

■ 16.4993, 25.7554,
22.2179

■ 35.1974, 35.0515,
38.5910

■ 15.6125, 25.3326,
20.6218

■ 39.2569, 37.0926,
41.1177

■ 14.9687, 25.0333,
19.1182

■ 43.7488, 39.3545,
43.7570

■ 14.5014, 24.8229,
17.7200

■ 48.6858, 41.8437,
46.5104

■ 54.0801, 44.5667,
49.3795

■ 59.9436, 47.5294,
52.3659

Harmonies

Analogous

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



23.8914, 28.9512, 23.7003



23.0029, 28.9512, 29.5751



23.2647, 28.9512, 36.9376

Triad

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



23.0029, 28.9512, 29.5751



29.3481, 28.9512, 46.2192



30.6220, 28.9512, 21.8490

Complementary

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



23.0029, 28.9512, 29.5751



22.8181, 19.4613, 21.6238

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.



32.2587, 28.9512, 26.6651



23.0029, 28.9512, 29.5751



31.4926, 28.9512, 40.9013

Square

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



23.0029, 28.9512, 29.5751



26.8284, 28.9512, 47.3142



32.5867, 28.9512, 33.5545



28.2177, 28.9512, 19.7058

Rectangle

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



23.0029, 28.9512, 29.5751



24.0639, 28.9512, 41.6739



32.5867, 28.9512, 33.5545



31.2861, 28.9512, 23.1707

Sweetspot

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



23.0037, 28.9524, 29.5758



51.9644, 57.6635, 61.9021



23.0586, 29.2172, 18.8928



11.2685, 12.6055, 13.4984



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.



23.0037, 28.9524, 29.5758



39.1803, 51.2941, 51.3152



22.9244, 26.8848, 35.4348



6.7317, 7.4734, 8.0216



11.9605, 20.4521, 14.6807



0.2322, 0.3730, 0.3589

Inverse Universe

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



22.8181, 19.4613, 21.6238



38.7919, 31.2851, 34.5661



22.8135, 20.8567, 17.2920



6.7160, 6.6793, 7.3554



11.7780, 6.0158, 3.0818



0.2287, 0.1148, 0.1503

Previews

White Background



This preview shows how the XYZ color 23.0029, 28.9512, 29.5751 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 23.0029, 28.9512, 29.5751 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

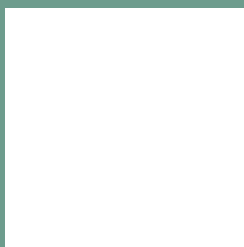
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0029, 28.9512, 29.5751

Background



This preview shows how black text looks on a background with the XYZ color 23.0029, 28.9512, 29.5751.

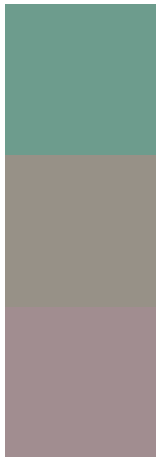


This preview shows how white text looks on a background with the XYZ color 23.0029, 28.9512,

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

23.0029, 28.9512, 29.5751

Protanopia

27.2611, 28.5794, 27.0012

Deuteranopia

29.2569, 28.6404, 30.3717



Tritanopia

25.1222, 29.0765, 39.8856

Trichromacy



Original Color

23.0029, 28.9512, 29.5751

Protanomaly

25.4161, 28.5353, 27.8352

Deuteranomaly

26.3921, 28.2917, 30.0564

Tritanomaly

24.2384, 28.9562, 35.7641

Monochromacy



Original Color

23.0029, 28.9512, 29.5751

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.0658, 27.1183, 28.7769

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0029, 28.9512, 29.5751 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(109, 156, 141)` looks like.

```
.text, #text, p{  
    color:rgb(109, 156, 141)  
}
```

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(109, 156, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 156, 141) }
```

Border

The CSS property to change the border of an element to XYZ 23.0029, 28.9512, 29.5751 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(109, 156, 141) }
```


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

```
.border{ border-color:rgb(109, 156, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 156, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 156, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 156, 141);  
box-shadow:4px 4px 4px 4px rgb(109, 156,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0029, 28.9512, 29.5751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 156, 141) }
```

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

```
.background{ background-color: rgb(109,  
156, 141) }
```

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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