

Converting Colors

XYZ(23.4743, 30.0678, 28.7599)

Have a look what the booklet for
XYZ(23.4743, 30.0678, 28.7599)
contains.

XYZ(23.4160, 29.9462, 28.5908)	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(23.4160, 29.9462,
28.5908)**

Conversions

Conversions Part 1

Format	Color
Hex	6E9F8A
RGB	110, 159, 138
RGB Percent	43%, 62%, 54%
CMY	0.5686, 0.3765, 0.4588
CMYK	0.31, 0.00, 0.13, 0.38
HSL	154°, 20%, 53%
HSV	154°, 31%, 62%
XYZ	23.4160, 29.9462, 28.5908
YIQ	141.9550, -22.4630, -16.9190

Conversions

Conversions Part 2

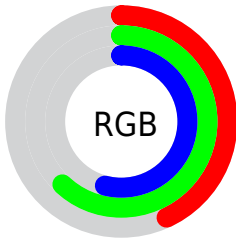
Format	Color
RYB	110, 141, 159
Decimal	7249802
CIELab	61.61, -21.07, 5.74
CIELCh	62, 21.838, 164.774
Yxy	29.9462, 0.2857, 0.3654
Android (android.graphics.Color)	4285439882 (0xFF6E9F8A)
YUV	141.9550, -1.9498, -28.0245
Hunter-Lab	54.7231, -19.3854, 7.3294

Details

The XYZ color **23.4160, 29.9462, 28.5908** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **23.9718, 20.1623, 24.1023**, and the grayscale version is **25.7078, 27.0466, 29.4538**.

A 20% lighter version of the original color is **48.5548, 59.6413, 58.2430**, and **8.8826, 12.1806, 11.1155** is the 20% darker color. If you saturate the color by 10%, you get **21.1346, 28.8261, 25.9891**, and if you desaturate by 10%, it is **26.0851, 31.2642, 31.3735**.

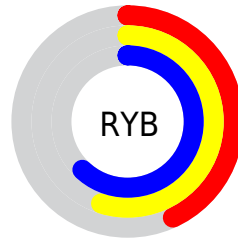
Distribution



Red (43%)

Green (62%)

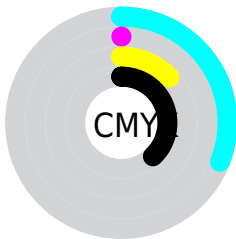
Blue (54%)



Red (43%)

Yellow (55%)

Blue (62%)

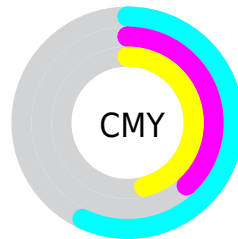


Cyan (31%)

Magenta (0%)

Yellow (13%)

Black (38%)



Cyan (57%)

Magenta (38%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4160, 29.9462, 28.5908 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 23.4160, 29.9462, 28.5908 by changing the saturation by 10% instead.

■ 23.4160, 29.9462,
28.5908

■ 23.4160, 29.9462,
28.5908

262.3501,
301.6536, 309.2796

■ 15.0234, 19.7978,
18.5286

■ 48.5371, 59.5771,
58.4607

■ 8.9222, 12.2481,
11.1568

■ 65.9964, 79.8283,
79.1055

■ 4.7472, 6.9129,
6.0569

■ 87.2085, 104.2159,
104.1149

■ 2.1329, 3.4077,
2.8104

■ 112.5389,
133.1243, 133.9074

■ 0.7070, 1.3481,
0.9986

142.3529,
166.9379, 168.9016

■ 0.0000, 0.1780,
0.0000

177.0159,

■ 0.0000, 0.0000,

206.0410, 209.5160

0.0000

216.8932,
250.8181, 256.1691

■ 23.4160, 29.9462,
28.5908

■ 23.4160, 29.9462,
28.5908

■ 21.1346, 28.8261,
25.9891

■ 26.0851, 31.2642,
31.3735

■ 19.2187, 27.8902,
23.5627

■ 29.1574, 32.7855,
34.3390

■ 17.6479, 27.1287,
21.3080

■ 32.6508, 34.5203,
37.4915

■ 16.3986, 26.5295,
19.2210

■ 36.5812, 36.4766,
40.8344

■ 15.4438, 26.0789,
17.2971

■ 40.9636, 38.6621,
44.3712

■ 14.7521, 25.7607,
15.5316

■ 45.8126, 41.0842,
48.1051

■ 14.2807, 25.5501,
14.0437

■ 51.1417, 43.7498,
52.0392

■ 56.9641, 46.6659,
56.1767

■ 63.2925, 49.8387,
60.5207

Harmonies

Analogous

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



24.7146, 29.9462, 22.5356



23.4160, 29.9462, 28.5908



23.4060, 29.9462, 36.8492

Triad

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



23.4160, 29.9462, 28.5908



29.9083, 29.9462, 50.6071



32.6063, 29.9462, 22.6053

Complementary

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



23.4160, 29.9462, 28.5908



23.9718, 20.1623, 24.1023

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.



34.2004, 29.9462, 28.7023



23.4160, 29.9462, 28.5908



32.5723, 29.9462, 45.3030

Square

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



23.4160, 29.9462, 28.5908



27.0240, 29.9462, 50.5635



34.1875, 29.9462, 36.9812



29.9522, 29.9462, 19.5007

Rectangle

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



23.4160, 29.9462, 28.5908



24.1253, 29.9462, 42.5854



34.1875, 29.9462, 36.9812



33.2917, 29.9462, 24.3224

Sweetspot

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



23.4168, 29.9474, 28.5915



53.1937, 59.1984, 62.4019



24.6098, 30.7673, 19.3940



11.8070, 13.2542, 13.8966



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.



23.4168, 29.9474, 28.5915



39.0493, 52.2117, 47.9595



24.5332, 29.5069, 37.2046



6.7016, 7.4614, 7.8630



11.3001, 20.1880, 11.2034



0.2230, 0.3693, 0.3106

Inverse Universe

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



23.9718, 20.1623, 24.1023



40.2063, 31.8397, 38.6212



23.0484, 20.3673, 17.4689



6.7452, 6.6910, 7.5091



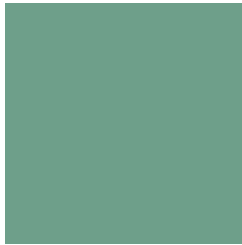
12.1409, 6.1609, 4.9930



0.2379, 0.1185, 0.1986

Previews

White Background



This preview shows how the XYZ color 23.4160, 29.9462, 28.5908 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 23.4160, 29.9462, 28.5908 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 23.4160, 29.9462, 28.5908

Background



This preview shows how black text looks on a background with the XYZ color 23.4160, 29.9462, 28.5908.

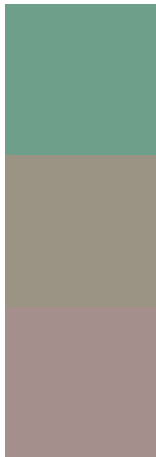


This preview shows how white text looks on a background with the XYZ color 23.4160, 29.9462,

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

23.4160, 29.9462, 28.5908

Protanopia

28.2723, 29.8143, 26.0944

Deuteranopia

30.1472, 29.5673, 29.3174



Tritanopia

25.8989, 29.9457, 40.9743

Trichromacy



Original Color

23.4160, 29.9462, 28.5908

Protanomaly

26.1788, 29.6667, 26.9007

Deuteranomaly

27.1581, 29.4081, 29.0559

Tritanomaly

24.8286, 29.7546, 35.8871

Monochromacy



Original Color

23.4160, 29.9462, 28.5908

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.6035, 27.8487, 29.2779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4160, 29.9462, 28.5908 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(110, 159, 138)` looks like.

```
.text, #text, p{  
    color:rgb(110, 159, 138)  
}
```

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(110, 159, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 159, 138) }
```

Border

The CSS property to change the border of an element to XYZ 23.4160, 29.9462, 28.5908 is called "border". The border property can be set on classes, ids or directly on the HTML element.

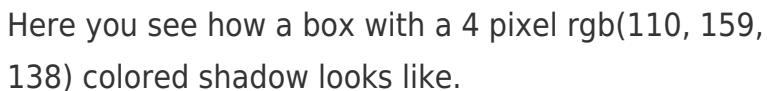
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 159, 138) }
```


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

```
.border{ border-color:rgb(110, 159, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 159, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 159, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 159, 138);  
box-shadow:4px 4px 4px 4px rgb(110, 159,  
138) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4160, 29.9462, 28.5908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 159, 138) }
```

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

```
.background{ background-color: rgb(110,  
159, 138) }
```

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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