

Converting Colors

XYZ(23.4062, 29.4653, 15.7630)

Have a look what the booklet for
XYZ(23.4062, 29.4653, 15.7630)
contains.

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Color

**XYZ(23.4062, 29.4653,
15.7630)**

Conversions

Conversions Part 1

Format	Color
Hex	839C61
RGB	131, 156, 97
RGB Percent	51%, 61%, 38%
CMY	0.4863, 0.3882, 0.6196
CMYK	0.16, 0.00, 0.38, 0.39
HSL	85°, 23%, 50%
HSV	85°, 38%, 61%
XYZ	23.4062, 29.4653, 15.7630
YIQ	141.7990, 4.0390, -23.6490

Conversions

Conversions Part 2

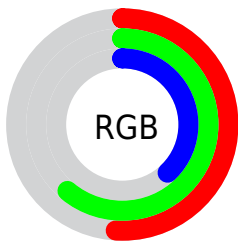
Format	Color
R_{YB}	97, 156, 122
Decimal	8625249
CIE _{Lab}	61.19, -19.31, 28.07
CIE _{LCh}	61, 34.073, 124.531
Yxy	29.4653, 0.3410, 0.4293
Android (android.graphics.Color)	4286815329 (0xFF839C61)
YUV	141.7990, -22.0859, -9.4707
Hunter-Lab	54.2819, -18.0248, 20.7801

Details

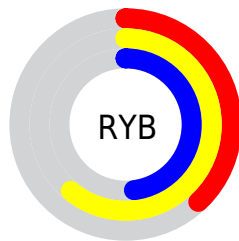
The XYZ color **23.4062, 29.4653, 15.7630** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **18.3027, 15.0881, 33.4018**, and the grayscale version is **25.7157, 27.0550, 29.4628**.

A 20% lighter version of the original color is **48.6471, 59.0409, 36.8490**, and **8.9142, 12.0304, 4.7580** is the 20% darker color. If you saturate the color by 10%, you get **21.7579, 28.6924, 12.2552**, and if you desaturate by 10%, it is **25.2644, 30.3317, 20.0286**.

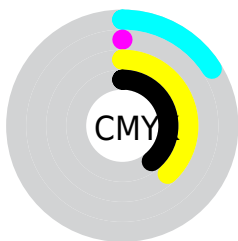
Distribution



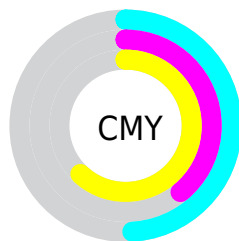
- Red (51%)
- Green (61%)
- Blue (38%)



- Red (38%)
- Yellow (61%)
- Blue (48%)



- Cyan (16%)
- Magenta (0%)
- Yellow (38%)
- Black (39%)



- Cyan (49%)
- Magenta (39%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4062, 29.4653, 15.7630 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 23.4062, 29.4653, 15.7630 by changing the saturation by 10% instead.

■ 23.4062, 29.4653,
15.7630

■ 23.4062, 29.4653,
15.7630

262.3011,
299.4041, 239.7369

■ 15.0161, 19.4331,
9.2041

■ 48.5212, 58.8155,
36.9473

■ 8.9171, 11.9836,
4.7759

■ 65.9768, 78.9024,
52.4098

■ 4.7438, 6.7325,
2.0600

■ 87.1849, 103.1095,
71.6772

■ 2.1309, 3.2954,
0.5918

■ 112.5110,
131.8214, 95.1680

■ 0.7060, 1.2878,
0.0000

142.3202,
165.4224, 123.3009

■ 0.0000, 0.1318,
0.0000

176.9781,

■ 0.0000, 0.0000,

204.2969, 156.4943

0.0000

216.8499,
248.8294, 195.1668

■ 23.4062, 29.4653,
15.7630

■ 23.4062, 29.4653,
15.7630

■ 21.7579, 28.6924,
12.2552

■ 25.2644, 30.3317,
20.0286

■ 20.3077, 28.0052,
9.4588

■ 27.3392, 31.2914,
25.0909

■ 19.0457, 27.4006,
7.3254


■ 29.6397, 32.3492,
30.9885


■ 17.9602, 26.8736,
5.7997


■ 32.1737, 33.5083,
37.7567


■ 17.0377, 26.4188,
4.8174


■ 34.9486, 34.7719,
45.4290


 16.2551, 26.0268,
4.2646

 37.9716, 36.1429,
54.0370

 16.0952, 25.9465,
4.1599

 41.2493, 37.6241,
63.6109

 44.7882, 39.2182,
74.1794

 48.5947, 40.9279,
85.7701

Harmonies

Analogous

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



27.3316, 29.4653, 13.2540



23.4062, 29.4653, 15.7630



20.9339, 29.4653, 22.6100

Triad

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



23.4062, 29.4653, 15.7630



24.4665, 29.4653, 59.8683



37.4887, 29.4653, 30.1751

Complementary

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



23.4062, 29.4653, 15.7630



18.3027, 15.0881, 33.4018

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.



36.5143, 29.4653, 43.8886



23.4062, 29.4653, 15.7630



28.6911, 29.4653, 63.4504

Square

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



23.4062, 29.4653, 15.7630



21.4988, 29.4653, 48.1763



33.1718, 29.4653, 56.9658



35.7090, 29.4653, 20.0435

Rectangle

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



23.4062, 29.4653, 15.7630



20.2843, 29.4653, 29.7911



33.1718, 29.4653, 56.9658



37.4738, 29.4653, 34.4889

Sweetspot

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



23.4069, 29.4666, 15.7636



52.3652, 58.0793, 52.4684



22.7776, 21.7490, 14.3072



11.4077, 12.7271, 11.2494



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.



23.4069, 29.4666, 15.7636



40.0660, 52.3698, 23.3844



19.5171, 27.4613, 15.5816



6.8983, 7.5802, 7.0852



13.2970, 21.3916, 3.4282



0.2854, 0.4071, 0.0635

Inverse Universe

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



18.3027, 15.0881, 33.4018



29.4969, 22.5813, 59.9307



23.0546, 17.5378, 33.6242



6.5379, 6.5658, 8.3294



6.8375, 2.9539, 26.1170



0.1695, 0.0772, 0.4692

Previews

White Background



This preview shows how the XYZ color 23.4062, 29.4653, 15.7630 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 23.4062, 29.4653, 15.7630 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

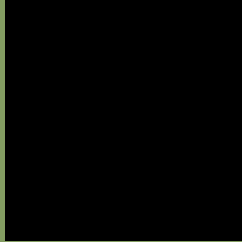
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.4062, 29.4653, 15.7630

Background



This preview shows how black text looks on a background with the XYZ color 23.4062, 29.4653, 15.7630.



This preview shows how white text looks on a background with the XYZ color 23.4062, 29.4653,

15.7630.

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

23.4062, 29.4653, 15.7630

Protanopia

26.9513, 29.1492, 14.7955

Deuteranopia

29.7296, 29.2000, 16.1258



Tritanopia

27.7503, 29.2933, 37.4493

Trichromacy



Original Color

23.4062, 29.4653, 15.7630

Protanomaly

25.3663, 29.0285, 15.0926

Deuteranomaly

27.0282, 28.9322, 15.9643

Tritanomaly

25.8985, 29.2577, 27.9492

Monochromacy



Original Color

23.4062, 29.4653, 15.7630

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

24.6808, 27.7771, 23.7994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4062, 29.4653, 15.7630 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(131, 156, 97)` looks like.

```
.text, #text, p{  
    color:rgb(131, 156, 97)  
}
```

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(131, 156, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 156, 97) }
```

Border

The CSS property to change the border of an element to XYZ 23.4062, 29.4653, 15.7630 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(131, 156, 97) }
```


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

```
.border{ border-color:rgb(131, 156, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 156, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 156, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 156, 97);  
box-shadow:4px 4px 4px 4px rgb(131, 156,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4062, 29.4653, 15.7630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 156, 97) }
```

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

```
.background{ background-color: rgb(131,  
156, 97) }
```

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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