

Converting Colors

XYZ(16.4423, 23.5804, 10.7060)

Have a look what the booklet for
XYZ(16.4423, 23.5804, 10.7060)
contains.

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Color

**XYZ(16.4423, 23.5804,
10.7060)**

Conversions

Conversions Part 1

Format	Color
Hex	60924D
RGB	96, 146, 77
RGB Percent	38%, 57%, 30%
CMY	0.6235, 0.4274, 0.6980
CMYK	0.34, 0.00, 0.47, 0.43
HSL	103°, 31%, 44%
HSV	103°, 47%, 57%
XYZ	16.4423, 23.5804, 10.7060
YIQ	123.1840, -7.6510, -32.0590

Conversions

Conversions Part 2

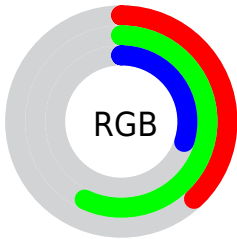
Format	Color
RYB	77, 146, 127
Decimal	6328909
CIELab	55.67, -30.30, 31.25
CIElCh	56, 43.530, 134.119
Yxy	23.5804, 0.3241, 0.4648
Android (android.graphics.Color)	4284518989 (0xFF60924D)
YUV	123.1840, -22.7687, -23.8404
Hunter-Lab	48.5597, -24.5393, 20.9200

Details

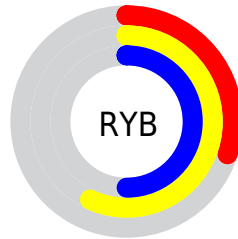
The XYZ color **16.4423, 23.5804, 10.7060** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.5956, 11.8958, 28.6169**, and the grayscale version is **18.9627, 19.9502, 21.7258**.

A 20% lighter version of the original color is **36.8795, 49.2304, 27.6373**, and **5.4087, 8.8360, 2.6488** is the 20% darker color. If you saturate the color by 10%, you get **14.9445, 22.8620, 8.2405**, and if you desaturate by 10%, it is **18.2069, 24.4244, 13.7890**.

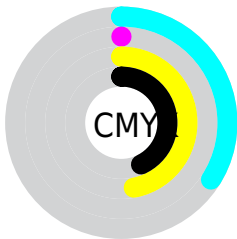
Distribution



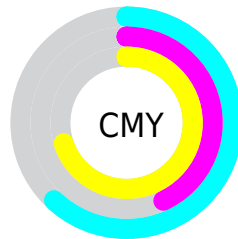
- Red (38%)
- Green (57%)
- Blue (30%)



- Red (30%)
- Yellow (57%)
- Blue (50%)



- Cyan (34%)
- Magenta (0%)
- Yellow (47%)
- Black (43%)



- Cyan (62%)
- Magenta (43%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 16.4423, 23.5804, 10.7060 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 16.4423, 23.5804, 10.7060 by changing the saturation by 10% instead.

■ 16.4423, 23.5804,
10.7060

■ 16.4423, 23.5804,
10.7060

225.1571,
270.6922, 206.3038

■ 9.9305, 15.0227,
5.7578

■ 36.9156, 49.3446,
27.7435

■ 5.4148, 8.8353,
2.6320

■ 51.6079, 67.3198,
40.6699

■ 2.5299, 4.6339,
0.9089

■ 69.7577, 89.2030,
57.0928

■ 0.9104, 2.0341,
0.0000

■ 91.7304, 115.3786,
77.4308

■ 0.0000, 0.6272,
0.0000

■ 117.8913,
146.2309, 102.1023

■ 0.0000, 0.0000,
0.0000

148.6058,

182.1443, 131.5260

184.2393,
223.5033, 166.1203

■ 16.4423, 23.5804,
10.7060

■ 16.4423, 23.5804,
10.7060

■ 14.9445, 22.8620,
8.2405

■ 18.2069, 24.4244,
13.7890

■ 13.6979, 22.2599,
6.3495

■ 20.2492, 25.3966,
17.5257

■ 12.6880, 21.7684,
4.9866


■ 22.5817, 26.5035,
21.9513


■ 11.8977, 21.3798,
4.0980


■ 25.2155, 27.7501,
27.0980


■ 11.3017, 21.0832,
3.5887


■ 28.1612, 29.1412,
32.9961

 11.1622, 21.0139,
3.4678

 31.4288, 30.6813,
39.6740

 35.0278, 32.3747,
47.1588

 38.9674, 34.2257,
55.4761

 43.2564, 36.2381,
64.6506

Harmonies

Analogous

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



20.1797, 23.5804, 7.3261



16.4423, 23.5804, 10.7060



14.4785, 23.5804, 18.9426

Triad

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



16.4423, 23.5804, 10.7060



19.9185, 23.5804, 61.6182



32.9142, 23.5804, 19.6081

Complementary

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



16.4423, 23.5804, 10.7060



16.5956, 11.8958, 28.6169

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.



32.8169, 23.5804, 33.8392



16.4423, 23.5804, 10.7060



24.8042, 23.5804, 62.0060

Square

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



16.4423, 23.5804, 10.7060



16.2753, 23.5804, 49.5775



29.6768, 23.5804, 50.4978



29.9258, 23.5804, 11.0386

Rectangle

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



16.4423, 23.5804, 10.7060



14.2280, 23.5804, 27.6741



29.6768, 23.5804, 50.4978



33.2536, 23.5804, 23.7747

Sweetspot

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



16.4429, 23.5814, 10.7065



41.1615, 47.3816, 41.2901



20.7131, 21.6849, 10.1154



8.9634, 10.4489, 8.8107



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



16.4429, 23.5814, 10.7065



26.1485, 40.2261, 14.1986



15.2697, 22.9085, 13.7312



5.8706, 6.5411, 6.1936



9.8416, 18.5014, 3.0524



0.1459, 0.2395, 0.0385

Inverse Universe

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



16.5956, 11.8958, 28.6169



26.4207, 16.9466, 49.8520



18.6089, 13.0594, 23.0314



5.8812, 5.8297, 7.2850



9.7977, 4.5235, 24.2878



0.1484, 0.0701, 0.2986

Previews

White Background



This preview shows how the XYZ color 16.4423, 23.5804, 10.7060 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 16.4423, 23.5804, 10.7060 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 16.4423, 23.5804, 10.7060

Background



This preview shows how black text looks on a background with the XYZ color 16.4423, 23.5804, 10.7060.



This preview shows how white text looks on a background with the XYZ color 16.4423, 23.5804,

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

16.4423, 23.5804, 10.7060

Protanopia

21.4113, 23.3539, 9.5102

Deuteranopia

23.8103, 23.3650, 11.2376



Tritanopia

20.6976, 23.5350, 31.8856

Trichromacy



Original Color

16.4423, 23.5804, 10.7060

Protanomaly

19.2266, 23.2606, 9.9550

Deuteranomaly

20.2896, 22.9477, 10.9494

Tritanomaly

18.8089, 23.4229, 22.2686

Monochromacy



Original Color

16.4423, 23.5804, 10.7060

Achromatopsia

18.8265, 19.8069, 21.5697

Achromatomaly

17.5279, 20.7839, 16.7235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 16.4423, 23.5804, 10.7060 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(96, 146, 77)` looks like.

```
.text, #text, p{  
    color:rgb(96, 146, 77)  
}
```

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(96, 146, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 146, 77) }
```

Border

The CSS property to change the border of an element to XYZ 16.4423, 23.5804, 10.7060 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(96, 146, 77) }
```


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

```
.border{ border-color:rgb(96, 146, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 146, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 146, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 146, 77);  
box-shadow:4px 4px 4px 4px rgb(96, 146,  
77) }
```

Background

The CSS property to change the background color of an element to XYZ 16.4423, 23.5804, 10.7060 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 146, 77) }
```

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

```
.background{ background-color: rgb(96, 146,  
77) }
```

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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