

Converting Colors

XYZ(15.4040, 23.1265, 7.6464)

Have a look what the booklet for
XYZ(15.4040, 23.1265, 7.6464)
contains.

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Color

**XYZ(15.3570, 23.0874,
7.6499)**

Conversions

Conversions Part 1

Format	Color
Hex	5B923A
RGB	91, 146, 58
RGB Percent	36%, 57%, 23%
CMY	0.6431, 0.4274, 0.7725
CMYK	0.38, 0.00, 0.60, 0.43
HSL	98°, 43%, 40%
HSV	98°, 60%, 57%
XYZ	15.3570, 23.0874, 7.6499
YIQ	119.5230, -4.5320, -39.0280

Conversions

Conversions Part 2

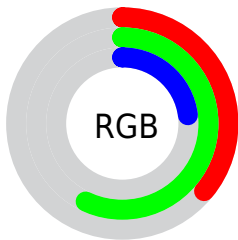
Format	Color
RYB	58, 146, 113
Decimal	6001210
CIELab	55.16, -34.41, 40.17
CIELCh	55, 52.888, 130.582
Yxy	23.0874, 0.3332, 0.5009
Android (android.graphics.Color)	4284191290 (0xFF5B923A)
YUV	119.5230, -30.3308, -25.0147
Hunter-Lab	48.0493, -27.0362, 24.1950

Details

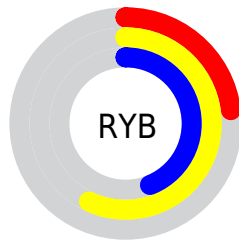
The XYZ color **15.3570, 23.0874, 7.6499** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **13.5125, 8.6129, 28.1457**, and the grayscale version is **17.7956, 18.7223, 20.3886**.

A 20% lighter version of the original color is **34.8627, 48.3206, 21.6767**, and **4.9135, 8.6053, 1.5169** is the 20% darker color. If you saturate the color by 10%, you get **14.1916, 22.5243, 5.9240**, and if you desaturate by 10%, it is **16.7383, 23.7510, 9.9367**.

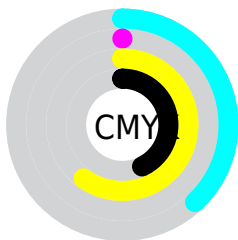
Distribution



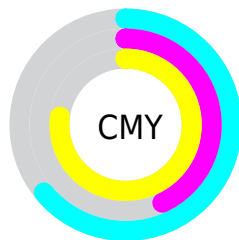
- Red (36%)
- Green (57%)
- Blue (23%)



- Red (23%)
- Yellow (57%)
- Blue (44%)



- Cyan (38%)
- Magenta (0%)
- Yellow (60%)
- Black (43%)





- Cyan (64%)
- Magenta (43%)
- Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 15.3570, 23.0874, 7.6499 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 15.3570, 23.0874, 7.6499 by changing the saturation by 10% instead.

 15.3570, 23.0874,
7.6499


 15.3570, 23.0874,
7.6499


218.8628,
268.1736, 182.7905


 9.1583, 14.6581,
3.7872


 35.0448, 48.5368,
21.8039


 4.9025, 8.5798,
1.5093


 49.2646, 66.3256,
32.9323


 2.2243, 4.4681,
0.2249

 66.8887, 88.0031,
47.3197

 0.7555, 1.9387,
0.0000

 88.2826, 113.9536,
65.3847

 0.0000, 0.5715,
0.0000

 113.8116,
144.5615, 87.5457

 0.0000, 0.0000,
0.0000

 143.8411,

180.2112, 114.2213

178.7363,
221.2871, 145.8300

■ 15.3570, 23.0874,
7.6499

■ 15.3570, 23.0874,
7.6499

■ 14.1916, 22.5243,
5.9240

■ 16.7383, 23.7510,
9.9367

■ 13.2274, 22.0531,
4.7091

■ 18.3456, 24.5174,
12.8258

■ 12.4499, 21.6684,
3.9489

■ 20.1904, 25.3921,
16.3564

■ 11.8411, 21.3638,
3.4995

■ 22.2828, 26.3798,
20.5638

■ 24.6321, 27.4845,
25.4810

■ 27.2473, 28.7102,
31.1386

■ 30.1369, 30.0606,
37.5656

■ 33.3090, 31.5393,
44.7892

■ 36.7712, 33.1496,
52.8356

Harmonies

Analogous

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



19.9246, 23.0874, 4.8109



15.3570, 23.0874, 7.6499



12.8851, 23.0874, 15.8057

Triad

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



15.3570, 23.0874, 7.6499



18.3825, 23.0874, 69.9502



35.0996, 23.0874, 19.6283

Complementary

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



15.3570, 23.0874, 7.6499



13.5125, 8.6129, 28.1457

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.



34.4843, 23.0874, 37.5683



15.3570, 23.0874, 7.6499



24.0952, 23.0874, 72.5458

Square

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



15.3570, 23.0874, 7.6499



14.4028, 23.0874, 52.7705



30.1873, 23.0874, 58.7916



31.7427, 23.0874, 9.3664

Rectangle

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



15.3570, 23.0874, 7.6499



12.4381, 23.0874, 25.4701



30.1873, 23.0874, 58.7916



35.3635, 23.0874, 24.8093

Sweetspot

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



15.3576, 23.0884, 7.6504



40.0631, 46.8907, 37.8326



18.4424, 18.0647, 6.5181



8.6819, 10.3227, 7.9418



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.



15.3576, 23.0884, 7.6504



24.4555, 39.4518, 9.6744



13.0761, 21.8790, 9.0459



5.9228, 6.5680, 6.1961



10.4429, 18.8114, 3.0806



0.1586, 0.2461, 0.0391

Inverse Universe

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



13.5125, 8.6129, 28.1457



20.8591, 11.5748, 49.1083



17.7930, 10.9077, 24.3620



5.8267, 5.8016, 7.2825



8.4096, 3.8079, 24.2228



0.1357, 0.0635, 0.2980

Previews

White Background



This preview shows how the XYZ color 15.3570, 23.0874, 7.6499 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 15.3570, 23.0874, 7.6499 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 15.3570, 23.0874, 7.6499

Background



This preview shows how black text looks on a background with the XYZ color 15.3570, 23.0874, 7.6499.



This preview shows how white text looks on a background with the XYZ color 15.3570, 23.0874,

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

15.3570, 23.0874, 7.6499

Protanopia

20.7712, 22.8799, 6.8115

Deuteranopia

23.1593, 22.7188, 8.0150



Tritanopia

20.1167, 23.0327, 31.4025

Trichromacy



Original Color

15.3570, 23.0874, 7.6499

Protanomaly

18.2394, 22.6028, 7.0159

Deuteranomaly

19.4104, 22.3571, 7.8497

Tritanomaly

17.7281, 22.7033, 19.6675

Monochromacy



Original Color

15.3570, 23.0874, 7.6499

Achromatopsia

17.8524, 18.7821, 20.4537

Achromatomaly

16.3146, 19.8148, 14.2740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 15.3570, 23.0874, 7.6499 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(91, 146, 58)` looks like.

```
.text, #text, p{  
    color:rgb(91, 146, 58)  
}
```

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(91, 146, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 146, 58) }
```

Border

The CSS property to change the border of an element to XYZ 15.3570, 23.0874, 7.6499 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(91, 146, 58) }
```


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

```
.border{ border-color:rgb(91, 146, 58) }
```

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

Here you see how a box with a 4 pixel rgb(91, 146, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 146, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 146, 58);  
box-shadow:4px 4px 4px 4px rgb(91, 146,  
58) }
```

Background

The CSS property to change the background color of an element to XYZ 15.3570, 23.0874, 7.6499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 146, 58) }
```

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

```
.background{ background-color: rgb(91, 146,  
58) }
```

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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