

Converting Colors

XYZ(23.5930, 22.6179, 15.5525)

Have a look what the booklet for
XYZ(23.5930, 22.6179, 15.5525)
contains.

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Color

**XYZ(23.4612, 22.5230,
15.4227)**

Conversions

Conversions Part 1

Format	Color
Hex	9D7C65
RGB	157, 124, 101
RGB Percent	62%, 49%, 40%
CMY	0.3843, 0.5137, 0.6039
CMYK	0.00, 0.21, 0.36, 0.38
HSL	25°, 22%, 51%
HSV	25°, 36%, 62%
XYZ	23.4612, 22.5230, 15.4227
YIQ	131.2450, 27.0510, -0.1570

Conversions

Conversions Part 2

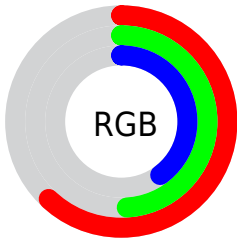
Format	Color
R_{YB}	157, 140, 101
Decimal	10320997
CIE _{Lab}	54.58, 9.43, 17.43
CIE _{LCh}	55, 19.819, 61.579
Yxy	22.5230, 0.3821, 0.3668
Android (android.graphics.Color)	4288511077 (0xFF9D7C65)
YUV	131.2450, -14.9108, 22.5871
Hunter-Lab	47.4584, 5.1898, 13.9532

Details

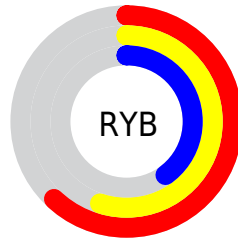
The XYZ color **23.4612, 22.5230, 15.4227** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.9773, 22.2503, 35.1400**, and the grayscale version is **21.7064, 22.8368, 24.8692**.

A 20% lighter version of the original color is **48.8302, 47.8574, 36.3695**, and **8.8909, 8.2416, 4.6122** is the 20% darker color. If you saturate the color by 10%, you get **21.6589, 20.0341, 11.3826**, and if you desaturate by 10%, it is **25.5204, 25.2904, 20.2740**.

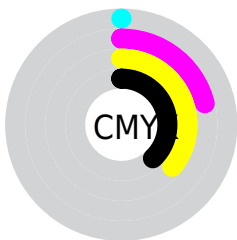
Distribution



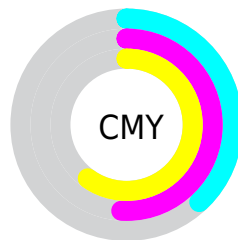
- Red (62%)
- Green (49%)
- Blue (40%)



- Red (62%)
- Yellow (55%)
- Blue (40%)



- Cyan (0%)
- Magenta (21%)
- Yellow (36%)
- Black (38%)





- Cyan (38%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.4612, 22.5230, 15.4227 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 23.4612, 22.5230, 15.4227 by changing the saturation by 10% instead.


 23.4612, 22.5230,
15.4227


 23.4612, 22.5230,
15.4227


262.5764,
265.2655, 237.6389


 15.0570, 14.2417,
8.9667


 48.6106, 47.6089,
36.3458


 8.9460, 8.2890,
4.6229


 66.0865, 65.1823,
51.6499

 4.7628, 4.2804,
1.9729

 87.3171, 86.6218,
70.7405

 2.1421, 1.8316,
0.5386

 112.6676,
112.3119, 94.0360

 0.7119, 0.5068,
0.0000

142.5034,
142.6369, 121.9551

 0.0000, 0.0000,
0.0000

177.1899,

177.9812, 154.9162

217.0924,
218.7293, 193.3380

■ 23.4612, 22.5230,
15.4227

■ 23.4612, 22.5230,
15.4227

■ 21.6589, 20.0341,
11.3826

■ 25.5204, 25.2904,
20.2740

■ 20.1005, 17.8112,
8.1070

■ 27.8453, 28.3418,
25.9768

■ 18.7740, 15.8453,
5.5468

■ 30.4466, 31.6869,
32.5703

■ 17.6660, 14.1260,
3.6463

■ 33.3335, 35.3334,
40.0909

■ 16.7610, 12.6414,
2.3413

■ 36.5151, 39.2892,
48.5729

■ 16.0393, 11.3780,
1.5461

■ 39.9998, 43.5617,
58.0489

■ 15.7659, 10.8907,
1.2712

■ 43.7958, 48.1579,
68.5499

■ 47.9110, 53.0848,
80.1056

■ 52.3528, 58.3489,
92.7446

Harmonies

Analogous

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



25.1734, 22.5230, 18.7687



23.4612, 22.5230, 15.4227



21.2924, 22.5230, 14.3899

Triad

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



23.4612, 22.5230, 15.4227



17.4915, 22.5230, 24.8554



23.6741, 22.5230, 36.2140

Complementary

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



23.4612, 22.5230, 15.4227



19.9773, 22.2503, 35.1400

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.



21.5229, 22.5230, 38.5579



23.4612, 22.5230, 15.4227



18.0372, 22.5230, 31.3492

Square

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



23.4612, 22.5230, 15.4227



17.9345, 22.5230, 19.2512



19.4772, 22.5230, 36.6439



25.3020, 22.5230, 30.6804

Rectangle

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



23.4612, 22.5230, 15.4227



19.9052, 22.5230, 14.9833



19.4772, 22.5230, 36.6439



22.9834, 22.5230, 37.4395

Sweetspot

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



23.4618, 22.5241, 15.4232



51.8823, 53.3614, 51.5832



22.9034, 18.2136, 25.0828



11.2911, 11.5804, 11.0342



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.



23.4618, 22.5241, 15.4232



39.3498, 36.6634, 21.6113



27.3847, 30.3698, 16.7308



6.8457, 7.0713, 6.9898



12.8396, 8.9149, 1.0440



0.2701, 0.2405, 0.0322

Inverse Universe

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



19.9773, 22.2503, 35.1400



32.1352, 36.0846, 62.3981



16.6689, 15.6334, 34.0372



6.5932, 7.0521, 8.4204



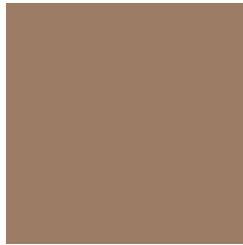
8.1240, 8.3395, 27.0887



0.1862, 0.2311, 0.4980

Previews

White Background



This preview shows how the XYZ color 23.4612, 22.5230, 15.4227 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 23.4612, 22.5230, 15.4227 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

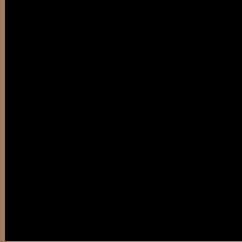
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.4612, 22.5230, 15.4227

Background



This preview shows how black text looks on a background with the XYZ color 23.4612, 22.5230, 15.4227.



This preview shows how white text looks on a background with the XYZ color 23.4612, 22.5230,

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

23.4612, 22.5230, 15.4227

Protanopia

21.2625, 22.7210, 16.3617

Deuteranopia

22.8194, 22.3791, 15.4288



Tritanopia

25.1761, 22.4915, 23.7832

Trichromacy



Original Color

23.4612, 22.5230, 15.4227

Protanomaly

22.0214, 22.5286, 16.0198

Deuteranomaly

23.0090, 22.4768, 15.4377

Tritanomaly

24.4652, 22.3776, 20.4826

Monochromacy



Original Color

23.4612, 22.5230, 15.4227

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.9246, 22.3699, 20.9316

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4612, 22.5230, 15.4227 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(157, 124, 101)` looks like.

```
.text, #text, p{  
    color:rgb(157, 124, 101)  
}
```

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(157, 124, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 124, 101) }
```

Border

The CSS property to change the border of an element to XYZ 23.4612, 22.5230, 15.4227 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(157, 124, 101) }
```


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

```
.border{ border-color:rgb(157, 124, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 124, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 124, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 124, 101);  
box-shadow:4px 4px 4px 4px rgb(157, 124,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4612, 22.5230, 15.4227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 124, 101) }
```

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

```
.background{ background-color: rgb(157,  
124, 101) }
```

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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