

Converting Colors

XYZ(23.0694, 25.6269, 14.9930)

Have a look what the booklet for
XYZ(23.0694, 25.6269, 14.9930)
contains.

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Color

**XYZ(23.0374, 25.5485,
15.0264)**

Conversions

Conversions Part 1

Format	Color
Hex	908C61
RGB	144, 140, 97
RGB Percent	56%, 55%, 38%
CMY	0.4353, 0.4510, 0.6196
CMYK	0.00, 0.03, 0.33, 0.44
HSL	55°, 20%, 47%
HSV	55°, 33%, 56%
XYZ	23.0374, 25.5485, 15.0264
YIQ	136.2940, 16.1870, -12.5250

Conversions

Conversions Part 2

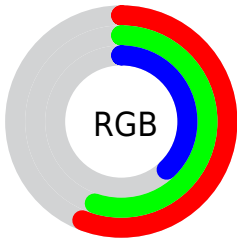
Format	Color
RYB	101, 144, 97
Decimal	9473121
CIELab	57.61, -5.52, 23.55
CIElCh	58, 24.191, 103.192
Yxy	25.5485, 0.3622, 0.4016
Android (android.graphics.Color)	4287663201 (0xFF908C61)
YUV	136.2940, -19.3719, 6.7582
Hunter-Lab	50.5455, -7.0988, 17.7559

Details

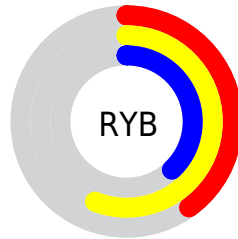
The XYZ color **23.0374, 25.5485, 15.0264** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.6175, 13.8621, 28.2910**, and the grayscale version is **23.5787, 24.8066, 27.0144**.

A 20% lighter version of the original color is **47.7040, 52.2838, 35.5945**, and **8.7461, 9.8698, 4.4617** is the 20% darker color. If you saturate the color by 10%, you get **22.2483, 24.9490, 11.7462**, and if you desaturate by 10%, it is **23.9517, 26.2030, 18.9504**.

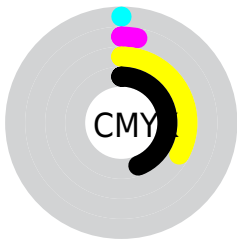
Distribution



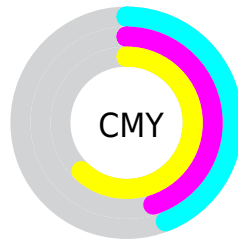
- Red (56%)
- Green (55%)
- Blue (38%)



- Red (40%)
- Yellow (56%)
- Blue (38%)



- Cyan (0%)
- Magenta (3%)
- Yellow (33%)
- Black (44%)



- Cyan (44%)
- Magenta (45%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0374, 25.5485, 15.0264 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 23.0374, 25.5485, 15.0264 by changing the saturation by 10% instead.

■ 23.0374, 25.5485,
15.0264

■ 23.0374, 25.5485,
15.0264

260.4488,
280.5586, 235.1722

■ 14.7420, 16.4862,
8.6911

■ 47.9209, 52.5457,
35.6424

■ 8.7236, 9.8688,
4.4462

■ 65.2398, 71.2493,
50.7603

■ 4.6170, 5.3121,
1.8732

■ 86.2971, 93.9355,
69.6427

■ 2.0568, 2.4315,
0.4756

■ 111.4583,
120.9886, 92.7082

■ 0.6656, 0.8420,
0.0000

141.0887,
152.7931, 120.3753

■ 0.0000, 0.0000,
0.0000

175.5537,

189.7333, 153.0627

215.2186,
232.1937, 191.1888

■ 23.0374, 25.5485,
15.0264

■ 23.0374, 25.5485,
15.0264

■ 22.2483, 24.9490,
11.7462

■ 23.9517, 26.2030,
18.9504

■ 21.5759, 24.3985,
9.0733

■ 24.9953, 26.9116,
23.5486

■ 21.0136, 23.8952,
6.9703

■ 26.1747, 27.6777,
28.8517

■ 20.5532, 23.4358,
5.3948

■ 27.4951, 28.5034,
34.8878

■ 20.1858, 23.0167,
4.2985

■ 28.9617, 29.3909,
41.6835

■ 19.9003, 22.6335,
3.6245

■ 30.5793, 30.3419,
49.2642

■ 19.7197, 22.3653,
3.2776

■ 32.3524, 31.3584,
57.6539

■ 34.2854, 32.4421,
66.8759

■ 36.3826, 33.5948,
76.9522

Harmonies

Analogous

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



25.9250, 25.5485, 15.1994



23.0374, 25.5485, 15.0264



20.6762, 25.5485, 17.7571

Triad

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



23.0374, 25.5485, 15.0264



20.4543, 25.5485, 40.1884



29.9979, 25.5485, 32.6763

Complementary

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



23.0374, 25.5485, 15.0264



14.6175, 13.8621, 28.2910

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.



28.2867, 25.5485, 41.1025



23.0374, 25.5485, 15.0264



22.7120, 25.5485, 45.9942

Square

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



23.0374, 25.5485, 15.0264



19.2666, 25.5485, 31.6085



25.5729, 25.5485, 46.3585



30.1025, 25.5485, 24.3433

Rectangle

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



23.0374, 25.5485, 15.0264



19.6552, 25.5485, 21.2425



25.5729, 25.5485, 46.3585



29.5857, 25.5485, 35.6271

Sweetspot

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



23.0380, 25.5497, 15.0269



44.5693, 47.7847, 43.6934



18.1600, 15.4324, 14.5144



10.1629, 10.9200, 9.7614



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.



23.0380, 25.5497, 15.0269



39.6144, 44.2954, 22.2480



20.6179, 25.1849, 15.0841



5.8009, 6.2081, 5.7819



17.1805, 19.4927, 2.8569



0.1717, 0.2013, 0.0298

Inverse Universe

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



14.6175, 13.8621, 28.2910



22.4436, 20.4660, 49.3054



16.4849, 14.2627, 28.2699



5.1642, 5.3242, 6.7843



4.5092, 2.0043, 23.1263



0.0490, 0.0309, 0.2231

Previews

White Background



This preview shows how the XYZ color 23.0374, 25.5485, 15.0264 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 23.0374, 25.5485, 15.0264 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

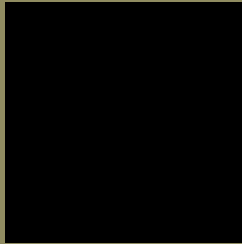
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.0374, 25.5485, 15.0264

Background



This preview shows how black text looks on a background with the XYZ color 23.0374, 25.5485, 15.0264.



This preview shows how white text looks on a background with the XYZ color 23.0374, 25.5485,

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

23.0374, 25.5485, 15.0264

Protanopia

23.5942, 25.4110, 14.7276

Deuteranopia

25.8132, 25.2959, 15.3265



Tritanopia

26.1368, 25.5478, 29.9392

Trichromacy



Original Color

23.0374, 25.5485, 15.0264

Protanomaly

23.3766, 25.5128, 14.7587

Deuteranomaly

24.7732, 25.3779, 15.1480

Tritanomaly

24.8477, 25.4365, 23.6788

Monochromacy



Original Color

23.0374, 25.5485, 15.0264

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.1060, 24.7854, 21.9786

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0374, 25.5485, 15.0264 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(144, 140, 97)` looks like.

```
.text, #text, p{  
    color:rgb(144, 140, 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(144, 140, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 140, 97) }
```

Border

The CSS property to change the border of an element to XYZ 23.0374, 25.5485, 15.0264 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(144, 140, 97) }
```


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

```
.border{ border-color:rgb(144, 140, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 140, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 140, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 140, 97);  
box-shadow:4px 4px 4px 4px rgb(144, 140,  
97) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0374, 25.5485, 15.0264 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 140, 97) }
```

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

```
.background{ background-color: rgb(144,  
140, 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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