

Converting Colors

XYZ(23.2746, 15.7947, 8.2354)

Have a look what the booklet for
XYZ(23.2746, 15.7947, 8.2354)
contains.

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Color

**XYZ(23.1813, 15.7473,
8.2963)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | B64D4A |
| RGB | 182, 77, 74 |
| RGB Percent | 71%, 30%, 29% |
| CMY | 0.2863, 0.6980, 0.7098 |
| CMYK | 0.00, 0.58, 0.59, 0.29 |
| HSL | 2°, 43%, 50% |
| HSV | 2°, 59%, 71% |
| XYZ | 23.1813, 15.7473, 8.2963 |
| YIQ | 108.0530, 63.5430, 21.3270 |

Conversions

Conversions Part 2

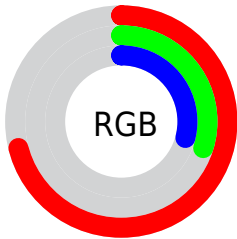
| Format | Color |
|-------------------------------------|--|
| RYB | 182, 77, 74 |
| Decimal | 11947338 |
| CIELab | 46.64, 42.39, 23.21 |
| CIElCh | 47, 48.329, 28.706 |
| Yxy | 15.7473, 0.4909, 0.3335 |
| Android (android.graphics.Color) | 4290137418 (0xFFB64D4A) |
| YUV | 108.0530, -16.7881, 64.8515 |
| Hunter-Lab | 39.6829, 34.8282, 15.3825 |

Details

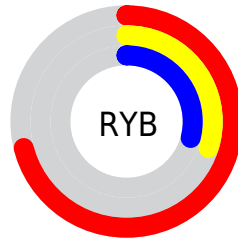
The XYZ color **23.1813, 15.7473, 8.2963** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **27.3862, 37.0707, 49.9676**, and the grayscale version is **14.3025, 15.0474, 16.3866**.

A 20% lighter version of the original color is **48.0434, 36.0078, 23.1569**, and **8.8529, 4.9916, 1.7252** is the 20% darker color. If you saturate the color by 10%, you get **21.5803, 13.3889, 5.1628**, and if you desaturate by 10%, it is **25.2971, 18.8518, 12.4767**.

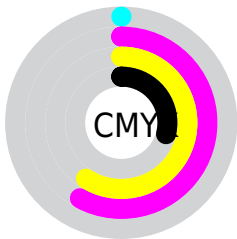
Distribution



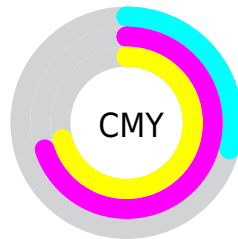
- Red (71%)
- Green (30%)
- Blue (29%)



- Red (71%)
- Yellow (30%)
- Blue (29%)



- Cyan (0%)
- Magenta (58%)
- Yellow (59%)
- Black (29%)





- Cyan (29%)
- Magenta (70%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.1813, 15.7473, 8.2963 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 23.1813, 15.7473, 8.2963 by changing the saturation by 10% instead.


 23.1813, 15.7473,
8.2963


 23.1813, 15.7473,
8.2963


261.1728,
227.8459, 188.0584


 14.8489, 9.3455,
4.1946


 48.1553, 36.1589,
23.0930


 8.7990, 4.9672,
1.7327


 65.5276, 50.9376,
34.6251


 4.6664, 2.2280,
0.3830

 86.6439, 69.2773,
49.4711

 2.0856, 0.7352,
0.0000

 111.8696, 91.5625,
68.0495

 0.6814, 0.0000,
0.0000

 141.5699,
118.1776, 90.7789

 0.0000, 0.0000,
0.0000

176.1103,

149.5069, 118.0779

215.8562,
185.9349, 150.3649

■ 23.1813, 15.7473,
8.2963

■ 23.1813, 15.7473,
8.2963

■ 21.5803, 13.3889,
5.1628

■ 25.2971, 18.8518,
12.4767

■ 20.4493, 11.7115,
2.9829

■ 27.9653, 22.7549,
17.7847

■ 19.7374, 10.6437,
1.6484

■ 31.2214, 27.5078,
24.2939

■ 19.3655, 10.0830,
0.9600

■ 35.0975, 33.1563,
32.0717

■ 19.3463, 10.0550,
0.9211

■ 39.6235, 39.7431,
41.1803

■ 44.8273, 47.3081,
51.6779

■ 50.7351, 55.8890,
63.6191

■ 57.3718, 65.5215,
77.0559

■ 64.7611, 76.2394,
92.0374

Harmonies

Analogous

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



24.5261, 15.7473, 17.6711



23.1813, 15.7473, 8.2963



19.5422, 15.7473, 4.0395

Triad

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



23.1813, 15.7473, 8.2963



9.0964, 15.7473, 7.7538



14.7866, 15.7473, 51.9881

Complementary

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



23.1813, 15.7473, 8.2963



27.3862, 37.0707, 49.9676

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.



11.1687, 15.7473, 45.2949



23.1813, 15.7473, 8.2963



8.2843, 15.7473, 16.6316

Square

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



23.1813, 15.7473, 8.2963



11.4293, 15.7473, 3.8445



8.9668, 15.7473, 30.7485



19.1691, 15.7473, 46.2954

Rectangle

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



23.1813, 15.7473, 8.2963



16.5972, 15.7473, 3.0302



8.9668, 15.7473, 30.7485



13.4479, 15.7473, 51.0721

Sweetspot

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



23.1817, 15.7482, 8.2966



64.4262, 61.2689, 59.7425



29.9986, 18.1461, 45.2080



13.7442, 12.8253, 12.2196



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



23.1817, 15.7482, 8.2966



38.4552, 23.2831, 8.0607



28.4834, 26.3515, 10.0638



9.0241, 9.0512, 9.3783



13.6704, 7.1171, 0.6532



0.4887, 0.2645, 0.0253

Inverse Universe

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



27.3862, 37.0707, 49.9676



46.7333, 65.3544, 90.3873



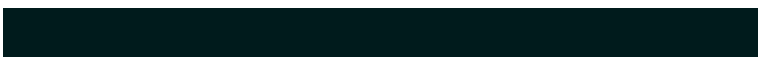
18.7540, 19.8062, 47.0902



9.2447, 10.1666, 11.5545



17.0648, 24.5892, 35.0999



0.6083, 0.8803, 1.2396

Previews

White Background



This preview shows how the XYZ color 23.1813, 15.7473, 8.2963 looks on a white 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

Black Background



This preview shows how the XYZ color 23.1813, 15.7473, 8.2963 looks on a black 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

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

XYZ 23.1813, 15.7473, 8.2963

Background



This preview shows how black text looks on a background with the XYZ color 23.1813, 15.7473, 8.2963.



This preview shows how white text looks on a background with the XYZ color 23.1813, 15.7473,

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

23.1813, 15.7473, 8.2963

Protanopia

14.9171, 15.9250, 11.5201

Deuteranopia

16.0597, 15.8061, 7.8347



Tritanopia

23.3610, 15.7080, 9.5853

Trichromacy



Original Color

23.1813, 15.7473, 8.2963

Protanomaly

17.0077, 15.2109, 10.2232

Deuteranomaly

17.9920, 15.2187, 7.9504

Tritanomaly

23.2510, 15.6640, 9.0057

Monochromacy



Original Color

23.1813, 15.7473, 8.2963

Achromatopsia

14.2537, 14.9960, 16.3306

Achromatomaly

16.3777, 14.5448, 13.0106

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1813, 15.7473, 8.2963 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(182, 77, 74)` looks like.

```
.text, #text, p{  
    color:rgb(182, 77, 74)  
}
```

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(182, 77, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 77, 74) }
```

Border

The CSS property to change the border of an element to XYZ 23.1813, 15.7473, 8.2963 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(182, 77, 74) }
```


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

```
.border{ border-color:rgb(182, 77, 74) }
```

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

Here you see how a box with a 4 pixel rgb(182, 77, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 77, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 77, 74);  
box-shadow:4px 4px 4px 4px rgb(182, 77,  
74) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1813, 15.7473, 8.2963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 77, 74) }
```

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

```
.background{ background-color: rgb(182, 77,  
74) }
```

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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