

Converting Colors

XYZ(23.0802, 21.5179, 18.8565)

Have a look what the booklet for
XYZ(23.0802, 21.5179, 18.8565)
contains.

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Color

**XYZ(23.0802, 21.5179,
18.8565)**

Conversions

Conversions Part 1

Format	Color
Hex	9A7872
RGB	154, 120, 114
RGB Percent	60%, 47%, 45%
CMY	0.3961, 0.5294, 0.5529
CMYK	0.00, 0.22, 0.26, 0.40
HSL	9°, 17%, 53%
HSV	9°, 26%, 60%
XYZ	23.0802, 21.5179, 18.8565
YIQ	129.4820, 22.1900, 5.3420

Conversions

Conversions Part 2

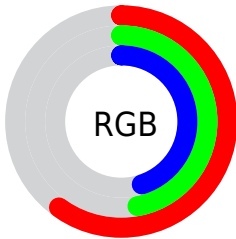
Format	Color
RYB	154, 121, 114
Decimal	10123378
CIELab	53.51, 12.32, 8.37
CIELCh	54, 14.893, 34.184
Yxy	21.5179, 0.3637, 0.3391
Android (android.graphics.Color)	4288313458 (0xFF9A7872)
YUV	129.4820, -7.6326, 21.5023
Hunter-Lab	46.3874, 7.6353, 8.3698

Details

The XYZ color **23.0802, 21.5179, 18.8565** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.3618, 27.0896, 34.5696**, and the grayscale version is **21.0564, 22.1530, 24.1246**.

A 20% lighter version of the original color is **47.9300, 45.8135, 42.3931**, and **8.7161, 7.7246, 6.1859** is the 20% darker color. If you saturate the color by 10%, you get **20.8085, 18.2610, 14.1326**, and if you desaturate by 10%, it is **25.7159, 25.2662, 24.4304**.

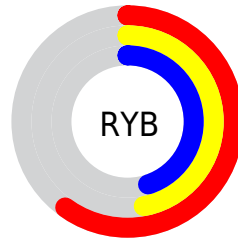
Distribution



Red (60%)

Green (47%)

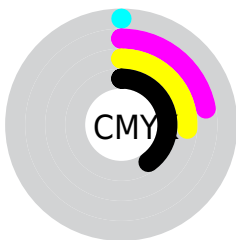
Blue (45%)



Red (60%)

Yellow (47%)

Blue (45%)

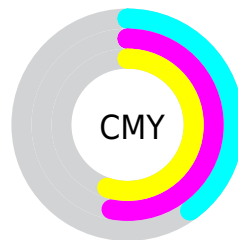


Cyan (0%)

Magenta (22%)

Yellow (26%)

Black (40%)



Cyan (40%)

Magenta (53%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0802, 21.5179, 18.8565 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 23.0802, 21.5179, 18.8565 by changing the saturation by 10% instead.

■ 23.0802, 21.5179,
18.8565

■ 23.0802, 21.5179,
18.8565

260.6643,
260.0182, 258.0517

■ 14.7738, 13.5031,
11.3909

■ 47.9907, 45.9479,
42.3249

■ 8.7460, 7.7759,
6.2129

■ 65.3254, 63.1319,
59.1648

■ 4.6317, 3.9519,
2.9041

■ 86.4003, 84.1410,
79.9666

■ 2.0653, 1.6467,
1.0459

■ 111.5807,
109.3597, 105.1487

■ 0.6703, 0.3888,
0.0000

141.2319,
139.1724, 135.1297

■ 0.0000, 0.0000,
0.0000

175.7194,

173.9634, 170.3282

215.4084,
214.1172, 211.1627

■ 23.0802, 21.5179,
18.8565

■ 23.0802, 21.5179,
18.8565

■ 20.8085, 18.2610,
14.1326

■ 25.7159, 25.2662,
24.4304

■ 18.8829, 15.4723,
10.2155

■ 28.7289, 29.5221,
30.8918

■ 17.2868, 13.1309,
7.0604

■ 32.1340, 34.3046,
38.2778

■ 16.0013, 11.2135,
4.6174

■ 35.9446, 39.6309,
46.6227

■ 15.0058, 9.6944,
2.8306

■ 40.1735, 45.5175,
55.9593

■ 14.2768, 8.5451,
1.6359

■ 44.8330, 51.9799,
66.3186

■ 13.7849, 7.7324,
0.9440

■ 49.9348, 59.0335,
77.7304

■ 13.6351, 7.4873,
0.7265

■ 55.4902, 66.6926,
90.2234

■ 61.5100, 74.9713,
103.8249

Harmonies

Analogous

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



23.6471, 21.5179, 22.7978



23.0802, 21.5179, 18.8565



21.8092, 21.5179, 16.4134

Triad

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



23.0802, 21.5179, 18.8565



17.8277, 21.5179, 19.8278



20.6755, 21.5179, 33.2647

Complementary

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



23.0802, 21.5179, 18.8565



23.3618, 27.0896, 34.5696

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.



19.1525, 21.5179, 32.2044



23.0802, 21.5179, 18.8565



17.5587, 21.5179, 24.0724

Square

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



23.0802, 21.5179, 18.8565



18.7860, 21.5179, 16.9212



18.0315, 21.5179, 28.6875



22.2140, 21.5179, 31.4230

Rectangle

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



23.0802, 21.5179, 18.8565



20.7627, 21.5179, 15.7698



18.0315, 21.5179, 28.6875



20.1446, 21.5179, 33.2374

Sweetspot

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



23.0808, 21.5189, 18.8569



50.9312, 51.8577, 53.4092



24.6893, 21.0430, 30.7776



11.3460, 11.4809, 11.6975



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.



23.0808, 21.5189, 18.8569



39.5173, 35.6410, 29.2229



25.7420, 26.8413, 19.7440



6.2799, 6.3650, 6.5034



11.1265, 6.1353, 0.5978



0.1831, 0.1252, 0.0145

Inverse Universe

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



23.3618, 27.0896, 34.5696



40.1099, 47.4607, 62.5831



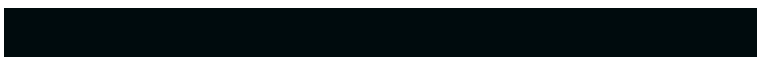
20.4916, 21.3491, 33.6128



6.3056, 6.8685, 7.9224



11.3729, 15.1425, 27.2311



0.1888, 0.2640, 0.4134

Previews

White Background



This preview shows how the XYZ color 23.0802, 21.5179, 18.8565 looks on a white background.

Color Contrast Check

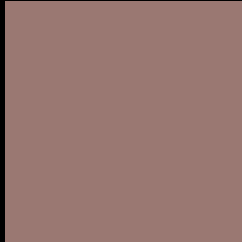
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0802, 21.5179, 18.8565 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

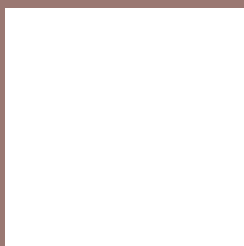
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0802, 21.5179, 18.8565

Background



This preview shows how black text looks on a background with the XYZ color 23.0802, 21.5179, 18.8565.



This preview shows how white text looks on a background with the XYZ color 23.0802, 21.5179,

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

23.0802, 21.5179, 18.8565

Protanopia

20.6621, 21.7329, 20.2454

Deuteranopia

21.9177, 21.4692, 18.6116



Tritanopia

23.8268, 21.4577, 22.9646

Trichromacy



Original Color

23.0802, 21.5179, 18.8565

Protanomaly

21.5290, 21.6143, 19.8669

Deuteranomaly

22.3346, 21.5009, 18.5957

Tritanomaly

23.6272, 21.5674, 21.3300

Monochromacy



Original Color

23.0802, 21.5179, 18.8565

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.5802, 21.7802, 22.1354

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0802, 21.5179, 18.8565 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(154, 120, 114)` looks like.

```
.text, #text, p{  
    color:rgb(154, 120, 114)  
}
```

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(154, 120, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 120, 114) }
```

Border

The CSS property to change the border of an element to XYZ 23.0802, 21.5179, 18.8565 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(154, 120, 114) }
```


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

```
.border{ border-color:rgb(154, 120, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 120, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 120, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 120, 114);  
box-shadow:4px 4px 4px 4px rgb(154, 120,  
114) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0802, 21.5179, 18.8565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 120, 114) }
```

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

```
.background{ background-color: rgb(154,  
120, 114) }
```

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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