

Converting Colors

XYZ(23.6265, 23.8912, 10.9545)

Have a look what the booklet for
XYZ(23.6265, 23.8912, 10.9545)
contains.

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Color

**XYZ(23.5312, 23.8136,
10.9457)**

Conversions

Conversions Part 1

Format	Color
Hex	9E8250
RGB	158, 130, 80
RGB Percent	62%, 51%, 31%
CMY	0.3804, 0.4902, 0.6863
CMYK	0.00, 0.18, 0.49, 0.38
HSL	38°, 33%, 47%
HSV	38°, 49%, 62%
XYZ	23.5312, 23.8136, 10.9457
YIQ	132.6720, 32.7380, -9.6140

Conversions

Conversions Part 2

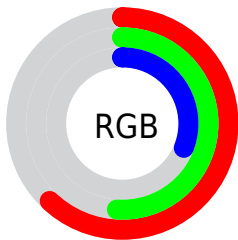
Format	Color
RYB	124, 158, 80
Decimal	10388048
CIELab	55.90, 4.04, 30.97
CIELCh	56, 31.235, 82.566
Yxy	23.8136, 0.4037, 0.4085
Android (android.graphics.Color)	4288578128 (0xFF9E8250)
YUV	132.6720, -25.9673, 22.2127
Hunter-Lab	48.7992, 0.6750, 20.8606

Details

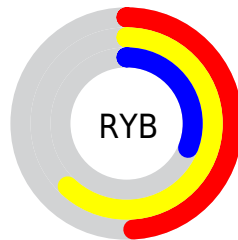
The XYZ color **23.5312, 23.8136, 10.9457** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.8422, 14.8987, 34.4412**, and the grayscale version is **22.2587, 23.4178, 25.5020**.

A 20% lighter version of the original color is **48.6943, 49.7748, 28.1601**, and **8.9259, 8.9377, 2.6936** is the 20% darker color. If you saturate the color by 10%, you get **22.2812, 22.1406, 7.9798**, and if you desaturate by 10%, it is **24.9612, 25.6270, 14.6494**.

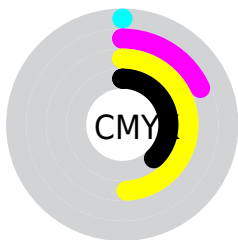
Distribution



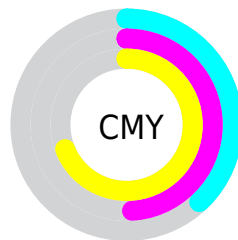
- Red (62%)
- Green (51%)
- Blue (31%)



- Red (49%)
- Yellow (62%)
- Blue (31%)



- Cyan (0%)
- Magenta (18%)
- Yellow (49%)
- Black (38%)



- Cyan (38%)
- Magenta (49%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5312, 23.8136, 10.9457 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 23.5312, 23.8136, 10.9457 by changing the saturation by 10% instead.

■ 23.5312, 23.8136,
10.9457

■ 23.5312, 23.8136,
10.9457

262.9264,
271.8767, 208.0187

■ 15.1091, 15.1954,
5.9166

■ 48.7244, 49.7259,
28.1948

■ 8.9828, 8.9566,
2.7265

■ 66.2261, 67.7887,
41.2520

■ 4.7870, 4.7129,
0.9567

■ 87.4851, 89.7686,
57.8222

■ 2.1563, 2.0798,
0.0000

■ 112.8667,
116.0498, 78.3240

■ 0.7195, 0.6532,
0.0000

■ 142.7363,
147.0169, 103.1761

■ 0.0000, 0.0000,
0.0000

177.4592,

183.0541, 132.7968

217.4008,
224.5459, 167.6049

■ 23.5312, 23.8136,
10.9457

■ 23.5312, 23.8136,
10.9457

■ 22.2812, 22.1406,
7.9798

■ 24.9612, 25.6270,
14.6494

■ 21.1991, 20.5992,
5.6987

■ 26.5791, 27.5822,
19.1362

■ 20.2737, 19.1850,
4.0443


■ 28.3940, 29.6848,
24.4494


■ 19.4913, 17.8912,
2.9483


■ 30.4141, 31.9390,
30.6286


■ 18.8230, 16.7052,
2.2611

■ 32.6470, 34.3489,
37.7109

 18.7824, 16.6328,
2.2205

 35.0998, 36.9183,
45.7313

 37.7795, 39.6508,
54.7228

 40.6926, 42.5500,
64.7169

 43.8451, 45.6193,
75.7435

Harmonies

Analogous

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



27.0540, 23.8136, 13.2722



23.5312, 23.8136, 10.9457



20.1083, 23.8136, 11.7147

Triad

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



23.5312, 23.8136, 10.9457



16.8845, 23.8136, 34.2006



28.5146, 23.8136, 39.7601

Complementary

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



23.5312, 23.8136, 10.9457



14.8422, 14.8987, 34.4412

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.



25.3631, 23.8136, 48.5653



23.5312, 23.8136, 10.9457



18.7239, 23.8136, 44.8129

Square

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



23.5312, 23.8136, 10.9457



16.5037, 23.8136, 23.4748



21.7601, 23.8136, 50.6233



30.1208, 23.8136, 28.5485

Rectangle

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



23.5312, 23.8136, 10.9457



18.3134, 23.8136, 14.0071



21.7601, 23.8136, 50.6233



27.5860, 23.8136, 43.2082

Sweetspot

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



23.5318, 23.8147, 10.9462



53.0118, 55.5412, 48.7768



19.7082, 14.1022, 16.0389



11.7904, 12.3408, 10.5080



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



23.5318, 23.8147, 10.9462



40.2972, 39.9784, 14.1217



25.8154, 31.2916, 12.2690



6.9697, 7.3194, 7.0311



15.0810, 13.3976, 1.7911



0.3084, 0.3170, 0.0449

Inverse Universe

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



14.8422, 14.8987, 34.4412



22.7002, 21.9493, 61.7837



13.2959, 10.4000, 33.6544



6.4699, 6.8055, 8.3793



6.1378, 4.3671, 26.4267



0.1480, 0.1546, 0.4853

Previews

White Background



This preview shows how the XYZ color 23.5312, 23.8136, 10.9457 looks on a white background.

Color Contrast Check

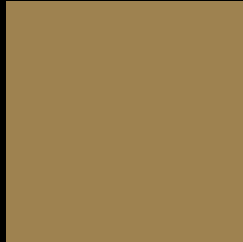
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5312, 23.8136, 10.9457 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 23.5312, 23.8136, 10.9457

Background



This preview shows how black text looks on a background with the XYZ color 23.5312, 23.8136, 10.9457.



This preview shows how white text looks on a background with the XYZ color 23.5312, 23.8136,

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

23.5312, 23.8136, 10.9457

Protanopia

22.0807, 23.8624, 11.4248

Deuteranopia

24.2714, 23.8041, 10.9048



Tritanopia

26.5455, 23.8953, 25.4035

Trichromacy



Original Color

23.5312, 23.8136, 10.9457

Protanomaly

22.6352, 23.9484, 11.2141

Deuteranomaly

23.9962, 23.8568, 10.9295

Tritanomaly

25.1961, 23.7137, 19.1688

Monochromacy



Original Color

23.5312, 23.8136, 10.9457

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.4439, 23.4682, 19.2665

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5312, 23.8136, 10.9457 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(158, 130, 80)` looks like.

```
.text, #text, p{  
    color:rgb(158, 130, 80)  
}
```

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(158, 130, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 130, 80) }
```

Border

The CSS property to change the border of an element to XYZ 23.5312, 23.8136, 10.9457 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(158, 130, 80) }
```


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

```
.border{ border-color:rgb(158, 130, 80) }
```

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

Here you see how a box with a 4 pixel rgb(158, 130, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 130, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 130, 80);  
box-shadow:4px 4px 4px 4px rgb(158, 130,  
80) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5312, 23.8136, 10.9457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 130, 80) }
```

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

```
.background{ background-color: rgb(158,  
130, 80) }
```

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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