

Converting Colors

XYZ(23.4069, 22.9290, 12.8649)

Have a look what the booklet for
XYZ(23.4069, 22.9290, 12.8649)
contains.

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Color

**XYZ(23.4069, 22.9290,
12.8649)**

Conversions

Conversions Part 1

Format	Color
Hex	9E7E5A
RGB	158, 126, 90
RGB Percent	62%, 49%, 35%
CMY	0.3804, 0.5059, 0.6471
CMYK	0.00, 0.20, 0.43, 0.38
HSL	32°, 27%, 49%
HSV	32°, 43%, 62%
XYZ	23.4069, 22.9290, 12.8649
YIQ	131.4640, 30.6280, -4.4120

Conversions

Conversions Part 2

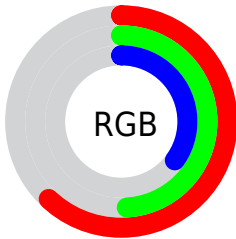
Format	Color
RYB	150, 158, 90
Decimal	10387034
CIELab	55.00, 7.37, 24.27
CIELCh	55, 25.368, 73.102
Yxy	22.9290, 0.3954, 0.3873
Android (android.graphics.Color)	4288577114 (0xFF9E7E5A)
YUV	131.4640, -20.4418, 23.2721
Hunter-Lab	47.8842, 3.4574, 17.5897

Details

The XYZ color **23.4069, 22.9290, 12.8649** is a dark color, and the websafe version is hex **996633**. A complement of this color would be **17.3473, 18.5607, 35.0161**, and the grayscale version is **21.8032, 22.9387, 24.9802**.

A 20% lighter version of the original color is **48.5853, 48.4298, 31.5981**, and **8.9342, 8.4929, 3.5513** is the 20% darker color. If you saturate the color by 10%, you get **21.8891, 20.8577, 9.3864**, and if you desaturate by 10%, it is **25.1395, 25.2010, 17.1208**.

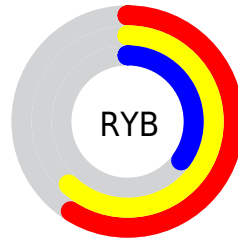
Distribution



Red (62%)

Green (49%)

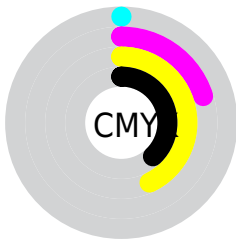
Blue (35%)



Red (59%)

Yellow (62%)

Blue (35%)

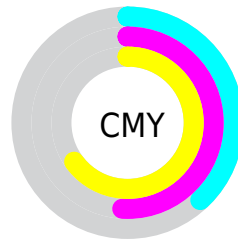


Cyan (0%)

Magenta (20%)

Yellow (43%)

Black (38%)



Cyan (38%)

Magenta (51%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4069, 22.9290, 12.8649 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 23.4069, 22.9290, 12.8649 by changing the saturation by 10% instead.

■ 23.4069, 22.9290,
12.8649

■ 23.4069, 22.9290,
12.8649

262.3046,
267.3601, 221.2273

■ 15.0166, 14.5411,
7.2059

■ 48.5224, 48.2767,
31.7485

■ 8.9174, 8.4980,
3.5108

■ 65.9782, 66.0053,
45.8102

■ 4.7440, 4.4152,
1.3610

■ 87.1866, 87.6163,
63.5099

■ 2.1311, 1.9084,
0.1110

■ 112.5130,
113.4940, 85.2661

■ 0.7060, 0.5534,
0.0000

■ 142.3226,
144.0228, 111.4975

■ 0.0000, 0.0000,
0.0000

176.9808,

179.5872, 142.6224

216.8530,
220.5715, 179.0595

■ 23.4069, 22.9290,
12.8649

■ 23.4069, 22.9290,
12.8649

■ 21.8891, 20.8577,
9.3864

■ 25.1395, 25.2010,
17.1208

■ 20.5737, 18.9771,
6.6353

■ 27.0949, 27.6767,
22.1971

■ 19.4496, 17.2811,
4.5578

■ 29.2830, 30.3632,
28.1354

■ 18.5033, 15.7617,
3.0920

■ 31.7122, 33.2661,
34.9738

■ 17.7194, 14.4101,
2.1641

■ 34.3907, 36.3909,
42.7483

■ 17.2442, 13.5564,
1.7078

■ 37.3261, 39.7426,
51.4928

■ 40.5258, 43.3263,
61.2396

■ 43.9967, 47.1469,
72.0194

■ 47.7457, 51.2089,
83.8617

Harmonies

Analogous

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



25.9947, 22.9290, 15.7911



23.4069, 22.9290, 12.8649



20.5878, 22.9290, 12.6946

Triad

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



23.4069, 22.9290, 12.8649



16.9296, 22.9290, 28.6520



25.7102, 22.9290, 38.0996

Complementary

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



23.4069, 22.9290, 12.8649



17.3473, 18.5607, 35.0161

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.



23.0451, 22.9290, 43.3394



23.4069, 22.9290, 12.8649



18.0710, 22.9290, 37.1439

Square

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



23.4069, 22.9290, 12.8649



17.0082, 22.9290, 20.7205



20.2557, 22.9290, 42.9561



27.4010, 22.9290, 29.7546

Rectangle

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



23.4069, 22.9290, 12.8649



18.9655, 22.9290, 14.0902



20.2557, 22.9290, 42.9561



24.8891, 22.9290, 40.3556

Sweetspot

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



23.4075, 22.9301, 12.8654



53.0871, 55.0296, 50.8429



21.3237, 16.0084, 20.6614



11.7721, 12.1679, 10.9221



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.



23.4075, 22.9301, 12.8654



39.7560, 37.8851, 17.0577



27.9510, 32.3467, 14.4435



6.9091, 7.1983, 7.0109



13.8506, 10.9368, 1.3810



0.2899, 0.2799, 0.0388

Inverse Universe

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



17.3473, 18.5607, 35.0161



27.2246, 28.8553, 62.8782



14.1555, 12.0121, 33.9203



6.5292, 6.9241, 8.3990



6.9614, 6.0144, 26.7012



0.1665, 0.1916, 0.4914

Previews

White Background



This preview shows how the XYZ color 23.4069, 22.9290, 12.8649 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 23.4069, 22.9290, 12.8649 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 23.4069, 22.9290, 12.8649

Background



This preview shows how black text looks on a background with the XYZ color 23.4069, 22.9290, 12.8649.



This preview shows how white text looks on a background with the XYZ color 23.4069, 22.9290,

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

23.4069, 22.9290, 12.8649

Protanopia

21.3384, 23.0260, 13.4450

Deuteranopia

23.4069, 22.9290, 12.8649



Tritanopia

25.7669, 22.9678, 24.1943

Trichromacy



Original Color

23.4069, 22.9290, 12.8649

Protanomaly

22.0837, 23.0165, 13.1762

Deuteranomaly

23.4069, 22.9290, 12.8649

Tritanomaly

24.8754, 22.9808, 19.3443

Monochromacy



Original Color

23.4069, 22.9290, 12.8649

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.9871, 22.6242, 19.7311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4069, 22.9290, 12.8649 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, 126, 90)` looks like.

```
.text, #text, p{  
    color:rgb(158, 126, 90)  
}
```

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, 126, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 126, 90) }
```

Border

The CSS property to change the border of an element to XYZ 23.4069, 22.9290, 12.8649 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, 126, 90) }
```


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

```
.border{ border-color:rgb(158, 126, 90) }
```

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

Here you see how a box with a 4 pixel rgb(158, 126, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 126, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 126, 90);  
box-shadow:4px 4px 4px 4px rgb(158, 126,  
90) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4069, 22.9290, 12.8649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 126, 90) }
```

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

```
.background{ background-color: rgb(158,  
126, 90) }
```

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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