

Converting Colors

XYZ(29.0902, 32.4235, 23.3234)

Have a look what the booklet for
XYZ(29.0902, 32.4235, 23.3234)
contains.

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Color

**XYZ(29.1497, 32.5126,
23.4781)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9D7B
RGB	155, 157, 123
RGB Percent	61%, 62%, 48%
CMY	0.3922, 0.3843, 0.5176
CMYK	0.01, 0.00, 0.22, 0.38
HSL	64°, 15%, 55%
HSV	64°, 22%, 62%
XYZ	29.1497, 32.5126, 23.4781
YIQ	152.5260, 9.7220, -10.9980

Conversions

Conversions Part 2

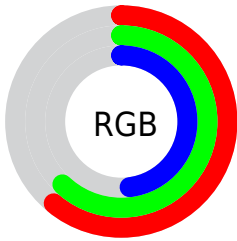
Format	Color
RYB	123, 157, 125
Decimal	10198395
CIELab	63.76, -6.63, 17.59
CIElCh	64, 18.800, 110.638
Yxy	32.5126, 0.3424, 0.3819
Android (android.graphics.Color)	4288388475 (0xFF9B9D7B)
YUV	152.5260, -14.5563, 2.1697
Hunter-Lab	57.0198, -8.5318, 15.5010

Details

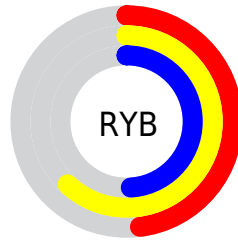
The XYZ color **29.1497, 32.5126, 23.4781** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.6275, 20.9611, 34.8062**, and the grayscale version is **30.1313, 31.7005, 34.5219**.

A 20% lighter version of the original color is **57.9583, 63.9232, 50.3580**, and **11.9836, 13.6860, 8.4886** is the 20% darker color. If you saturate the color by 10%, you get **28.0681, 32.0606, 18.7021**, and if you desaturate by 10%, it is **30.3920, 33.0312, 29.0859**.

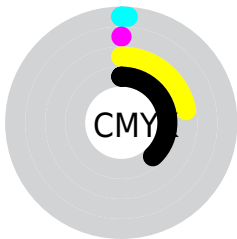
Distribution



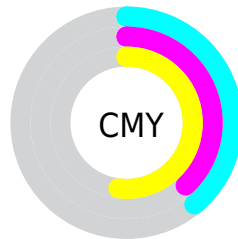
- Red (61%)
- Green (62%)
- Blue (48%)



- Red (48%)
- Yellow (62%)
- Blue (49%)



- Cyan (1%)
- Magenta (0%)
- Yellow (22%)
- Black (38%)



- Cyan (39%)
- Magenta (38%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.1497, 32.5126, 23.4781 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 29.1497, 32.5126, 23.4781 by changing the saturation by 10% instead.

■ 29.1497, 32.5126,
23.4781

■ 29.1497, 32.5126,
23.4781

289.9021,
313.4477, 283.3723

■ 19.3389, 21.7533,
14.7383

■ 57.7108, 63.6138,
50.1103

■ 12.0209, 13.6758,
8.4914

■ 77.1918, 84.7246,
68.8398

■ 6.8302, 7.8955,
4.3187

■ 100.6269,
110.0546, 91.7363

■ 3.4015, 4.0282,
1.8018

128.3816,
139.9883, 119.2182

■ 1.3695, 1.6893,
0.4291

160.8210,
174.9101, 151.7043

■ 0.2343, 0.4167,
0.0000

198.3107,

■ 0.0000, 0.0000,

215.2043, 189.6130

0.0000

241.2160,
261.2554, 233.3628

■ 29.1497, 32.5126,
23.4781

■ 29.1497, 32.5126,
23.4781

■ 28.0681, 32.0606,
18.7021

■ 30.3920, 33.0312,
29.0859

■ 27.1372, 31.6680,
14.7162

■ 31.7995, 33.6150,
35.5601

■ 26.3497, 31.3329,
11.4784

■ 33.3796, 34.2679,
42.9362

■ 25.6967, 31.0517,
8.9419

■ 35.1386, 34.9926,
51.2469

■ 25.1684, 30.8206,
7.0548

■ 37.0823, 35.7913,
60.5233

■ 24.7535, 30.6349,
5.7579

■ 39.2164, 36.6663,
70.7952

■ 24.4386, 30.4895,
4.9811

■ 41.5463, 37.6198,
82.0908

■ 24.2256, 30.3881,
4.5887

■ 44.0771, 38.6538,
94.4375

■ 45.2791, 39.1565,
99.7792

Harmonies

Analogous

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



31.7343, 32.5126, 22.9211



29.1497, 32.5126, 23.4781



27.1462, 32.5126, 26.9682

Triad

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



29.1497, 32.5126, 23.4781



27.7974, 32.5126, 47.8538



36.1788, 32.5126, 37.8153

Complementary

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



29.1497, 32.5126, 23.4781



21.6275, 20.9611, 34.8062

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.



34.9897, 32.5126, 45.4299



29.1497, 32.5126, 23.4781



30.0849, 32.5126, 51.7447

Square

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



29.1497, 32.5126, 23.4781



26.3968, 32.5126, 40.7684



32.7237, 32.5126, 50.7996



35.8932, 32.5126, 30.5261

Rectangle

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



29.1497, 32.5126, 23.4781



26.3621, 32.5126, 30.8022



32.7237, 32.5126, 50.7996



35.9359, 32.5126, 40.4355

Sweetspot

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



29.1505, 32.5140, 23.4788



55.7853, 59.7165, 58.3161



24.7766, 23.1904, 21.9097



12.2425, 13.1267, 12.6816



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.



29.1505, 32.5140, 23.4788



51.2291, 57.8189, 37.7212



26.1643, 30.9746, 23.3390



7.1315, 7.7005, 7.0961



19.6854, 24.6849, 3.7271



0.3624, 0.4468, 0.0671

Inverse Universe

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



21.6275, 20.9611, 34.8062



35.3020, 33.3584, 61.7049



24.2737, 22.3253, 34.9300



6.3191, 6.4530, 8.3192



5.0481, 2.0314, 26.0333



0.0997, 0.0412, 0.4659

Previews

White Background



This preview shows how the XYZ color 29.1497, 32.5126, 23.4781 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 29.1497, 32.5126, 23.4781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

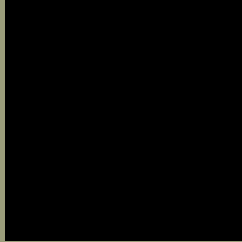
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 29.1497, 32.5126, 23.4781

Background



This preview shows how black text looks on a background with the XYZ color 29.1497, 32.5126, 23.4781.



This preview shows how white text looks on a background with the XYZ color 29.1497, 32.5126,

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

29.1497, 32.5126, 23.4781

Protanopia

30.3783, 32.4089, 23.0668

Deuteranopia

32.8820, 32.2442, 23.8927



Tritanopia

32.3363, 32.5744, 39.2335

Trichromacy



Original Color

29.1497, 32.5126, 23.4781

Protanomaly

29.9321, 32.4249, 23.0934

Deuteranomaly

31.2823, 32.1345, 23.6226

Tritanomaly

31.0014, 32.5184, 32.6597

Monochromacy



Original Color

29.1497, 32.5126, 23.4781

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

29.7645, 31.9342, 30.1863

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.1497, 32.5126, 23.4781 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(155, 157, 123)` looks like.

```
.text, #text, p{  
    color:rgb(155, 157, 123)  
}
```

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(155, 157, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 157, 123) }
```

Border

The CSS property to change the border of an element to XYZ 29.1497, 32.5126, 23.4781 is called "border". The border property can be set on classes, ids or directly on the HTML element.

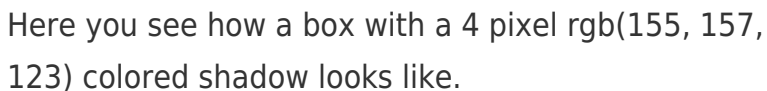
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(155, 157, 123) }
```


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

```
.border{ border-color:rgb(155, 157, 123) }
```

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



Here you see how a box with a 4 pixel `rgb(155, 157, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(155, 157, 123); -webkit-box-shadow:4px 4px 4px 4px rgb(155, 157, 123); box-shadow:4px 4px 4px 4px rgb(155, 157, 123) }
```

Background

The CSS property to change the background color of an element to XYZ 29.1497, 32.5126, 23.4781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 157, 123) }
```

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

```
.background{ background-color: rgb(155,  
157, 123) }
```

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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