

Converting Colors

XYZ(25.4849, 23.0280, 15.0019)

Have a look what the booklet for
XYZ(25.4849, 23.0280, 15.0019)
contains.

XYZ(25.4517, 23.0106, 14.9044)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(25.4517, 23.0106,
14.9044)**

Conversions

Conversions Part 1

Format	Color
Hex	A97963
RGB	169, 121, 99
RGB Percent	66%, 47%, 39%
CMY	0.3373, 0.5255, 0.6118
CMYK	0.00, 0.28, 0.41, 0.34
HSL	19°, 29%, 53%
HSV	19°, 41%, 66%
XYZ	25.4517, 23.0106, 14.9044
YIQ	132.8440, 35.6700, 3.3340

Conversions

Conversions Part 2

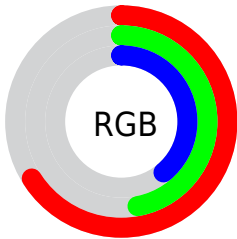
Format	Color
RYB	169, 131, 99
Decimal	11106659
CIELab	55.08, 15.88, 19.48
CIELCh	55, 25.138, 50.812
Yxy	23.0106, 0.4017, 0.3631
Android (android.graphics.Color)	4289296739 (0xFFA97963)
YUV	132.8440, -16.6851, 31.7088
Hunter-Lab	47.9694, 10.7626, 15.1568

Details

The XYZ color **25.4517, 23.0106, 14.9044** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.7403, 26.3837, 41.4302**, and the grayscale version is **22.2877, 23.4484, 25.5354**.

A 20% lighter version of the original color is **52.0051, 48.6429, 35.5022**, and **10.0074, 8.5275, 4.3673** is the 20% darker color. If you saturate the color by 10%, you get **23.4022, 20.0722, 10.6437**, and if you desaturate by 10%, it is **27.8406, 26.3572, 20.1129**.

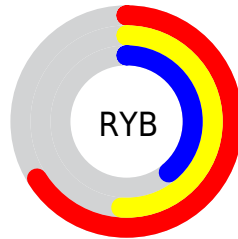
Distribution



Red (66%)

Green (47%)

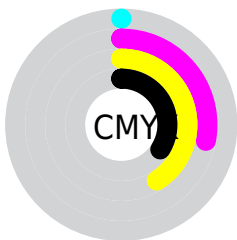
Blue (39%)



Red (66%)

Yellow (51%)

Blue (39%)

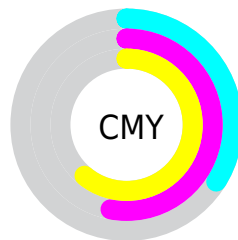


Cyan (0%)

Magenta (28%)

Yellow (41%)

Black (34%)



Cyan (34%)


Magenta (53%)


Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 25.4517, 23.0106, 14.9044 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 25.4517, 23.0106, 14.9044 by changing the saturation by 10% instead.


 25.4517, 23.0106,
14.9044


 25.4517, 23.0106,
14.9044


272.3864,
267.7794, 234.4077


 16.5444, 14.6013,
8.6064


 51.8267, 48.4107,
35.4253


 10.0035, 8.5401,
4.3921


 70.0251, 66.1704,
50.4853

 5.4636, 4.4424,
1.8428


 92.0514, 87.8156,
69.3031

 2.5593, 1.9240,
0.4560

 118.2707,
113.7309, 92.2973

 0.9252, 0.5627,
0.0000

149.0485,
144.3004, 119.8862

 0.0000, 0.0000,
0.0000

184.7501,

179.9088, 152.4886

225.7410,
220.9403, 190.5229

■ 25.4517, 23.0106,
14.9044

■ 25.4517, 23.0106,
14.9044

■ 23.4022, 20.0722,
10.6437

■ 27.8406, 26.3572,
20.1129

■ 21.6739, 17.5224,
7.2714

■ 30.5826, 30.1240,
26.3209

■ 20.2490, 15.3451,
4.7236


■ 33.6926, 34.3264,
33.5780


■ 19.1075, 13.5214,
2.9270


■ 37.1843, 38.9780,
41.9298


■ 18.2261, 12.0304,
1.7950


■ 41.0703, 44.0921,
51.4196

 17.6409, 10.9925,
1.1920

 45.3630, 49.6811,
62.0882

 50.0741, 55.7570,
73.9741

 55.2146, 62.3315,
87.1145

 60.7954, 69.4157,
101.5446

Harmonies

Analogous

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



27.2985, 23.0106, 19.9665



25.4517, 23.0106, 14.9044



22.7418, 23.0106, 12.7091

Triad

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



25.4517, 23.0106, 14.9044



16.9756, 23.0106, 22.6726



23.8398, 23.0106, 42.4051

Complementary

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



25.4517, 23.0106, 14.9044



22.7403, 26.3837, 41.4302

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.



21.0225, 23.0106, 43.5632



25.4517, 23.0106, 14.9044



17.2150, 23.0106, 30.9411

Square

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



25.4517, 23.0106, 14.9044



17.9583, 23.0106, 16.5212



18.6427, 23.0106, 39.0041



26.3141, 23.0106, 36.1131

Rectangle

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



25.4517, 23.0106, 14.9044



20.8766, 23.0106, 12.7574



18.6427, 23.0106, 39.0041



22.8963, 23.0106, 43.4536

Sweetspot

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



25.4523, 23.0117, 14.9049



59.8740, 60.8490, 59.0320



26.1695, 19.4970, 30.4011



12.8944, 13.0534, 12.5001



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



25.4523, 23.0117, 14.9049



42.0902, 36.2069, 19.4224



30.3358, 32.7787, 16.5327



7.7164, 7.9128, 7.9099



13.1909, 8.2791, 0.9028



0.3663, 0.2922, 0.0371

Inverse Universe

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



22.7403, 26.3837, 41.4302



36.5267, 43.0509, 73.6096



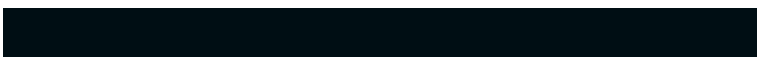
18.2124, 17.3277, 39.9208



7.5457, 8.1283, 9.5896



10.0309, 11.5220, 29.6708



0.2867, 0.3657, 0.7361

Previews

White Background



This preview shows how the XYZ color 25.4517, 23.0106, 14.9044 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 25.4517, 23.0106, 14.9044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

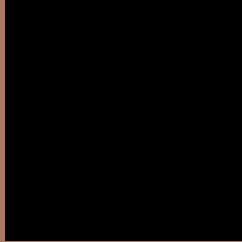
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 25.4517, 23.0106, 14.9044

Background



This preview shows how black text looks on a background with the XYZ color 25.4517, 23.0106, 14.9044.



This preview shows how white text looks on a background with the XYZ color 25.4517, 23.0106,

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

25.4517, 23.0106, 14.9044

Protanopia

21.7345, 23.1647, 16.4224

Deuteranopia

23.5043, 23.1285, 14.7807



Tritanopia

27.1404, 22.9996, 22.7476

Trichromacy



Original Color

25.4517, 23.0106, 14.9044

Protanomaly

22.8799, 22.9770, 15.7995

Deuteranomaly

24.2362, 23.1261, 14.7417

Tritanomaly

26.4254, 22.8757, 19.5457

Monochromacy



Original Color

25.4517, 23.0106, 14.9044

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.1555, 23.1920, 21.3452

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.4517, 23.0106, 14.9044 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(169, 121, 99)` looks like.

```
.text, #text, p{  
    color:rgb(169, 121, 99)  
}
```

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(169, 121, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 121, 99) }
```

Border

The CSS property to change the border of an element to XYZ 25.4517, 23.0106, 14.9044 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(169, 121, 99) }
```


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

```
.border{ border-color:rgb(169, 121, 99) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 121, 99)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 121, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 121, 99);  
box-shadow:4px 4px 4px 4px rgb(169, 121,  
99) }
```

Background

The CSS property to change the background color of an element to XYZ 25.4517, 23.0106, 14.9044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 121, 99) }
```

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

```
.background{ background-color: rgb(169,  
121, 99) }
```

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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