

Converting Colors

XYZ(29.2500, 29.2326, 23.5028)

Have a look what the booklet for
XYZ(29.2500, 29.2326, 23.5028)
contains.

XYZ(29.2500, 29.2326, 23.5028)	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(29.2500, 29.2326,
23.5028)**

Conversions

Conversions Part 1

Format	Color
Hex	A68F7D
RGB	166, 143, 125
RGB Percent	65%, 56%, 49%
CMY	0.3490, 0.4392, 0.5098
CMYK	0.00, 0.14, 0.25, 0.35
HSL	26°, 19%, 57%
HSV	26°, 25%, 65%
XYZ	29.2500, 29.2326, 23.5028
YIQ	147.8250, 19.4860, -0.7220

Conversions

Conversions Part 2

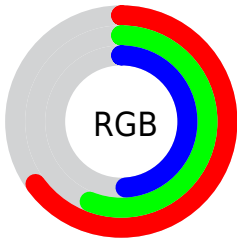
Format	Color
R_{YB}	166, 157, 125
Decimal	10915709
CIE _{Lab}	60.99, 5.73, 12.76
CIE _{LCh}	61, 13.991, 65.807
Yxy	29.2326, 0.3568, 0.3566
Android (android.graphics.Color)	4289105789 (0xFFA68F7D)
YUV	147.8250, -11.2527, 15.9395
Hunter-Lab	54.0672, 1.9498, 12.0739

Details

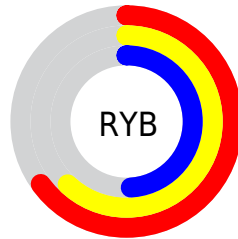
The XYZ color **29.2500, 29.2326, 23.5028** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.9300, 28.2921, 40.1707**, and the grayscale version is **28.1157, 29.5799, 32.2126**.

A 20% lighter version of the original color is **58.1263, 58.6765, 50.3816**, and **12.1583, 11.9279, 8.4990** is the 20% darker color. If you saturate the color by 10%, you get **26.9369, 26.1639, 17.9299**, and if you desaturate by 10%, it is **31.8579, 32.6069, 30.0491**.

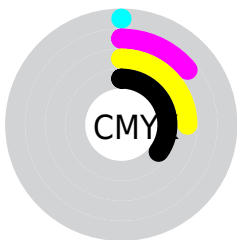
Distribution



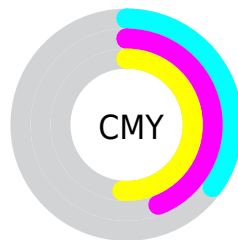
- Red (65%)
- Green (56%)
- Blue (49%)



- Red (65%)
- Yellow (62%)
- Blue (49%)



- Cyan (0%)
- Magenta (14%)
- Yellow (25%)
- Black (35%)




- Cyan (35%)
- Magenta (44%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.2500, 29.2326, 23.5028 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 29.2500, 29.2326, 23.5028 by changing the saturation by 10% instead.


 29.2500, 29.2326,
23.5028


 29.2500, 29.2326,
23.5028


290.3657,
298.3109, 283.5022

 19.4153, 19.2568,
14.7564


 57.8689, 58.4464,
50.1512

 12.0765, 11.8560,
8.5039


 77.3837, 78.4533,
68.8904

 6.8684, 6.6457,
4.3267

 100.8559,
102.5727, 91.7975

 3.4255, 3.2415,
1.8062

128.6509,
131.1890, 119.2912

 1.3826, 1.2591,
0.4321

161.1341,
164.6865, 151.7900

 0.2438, 0.1092,
0.0000

198.6706,

 0.0000, 0.0000,

203.4498, 189.7124

0.0000

241.6261,
247.8631, 233.4770

■ 29.2500, 29.2326,
23.5028

■ 29.2500, 29.2326,
23.5028

■ 26.9369, 26.1639,
17.9299

■ 31.8579, 32.6069,
30.0491

■ 24.9047, 23.3877,
13.2813

■ 34.7693, 36.2916,
37.6110

■ 23.1418, 20.8957,
9.5063

■ 37.9952, 40.2962,
46.2305

■ 21.6345, 18.6776,
6.5485

■ 41.5453, 44.6287,
55.9465

■ 20.3680, 16.7224,
4.3448

■ 45.4291, 49.2968,
66.7961

■ 19.3253, 15.0180,
2.8228

■ 49.6554, 54.3079,
78.8146

■ 18.4864, 13.5509,
1.8940

■ 54.2328, 59.6692,
92.0356

■ 18.1014, 12.8581,
1.5278

■ 58.7153, 65.2057,
104.0991

■ 61.1906, 70.1563,
104.9242

Harmonies

Analogous

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



30.7334, 29.2326, 26.2964



29.2500, 29.2326, 23.5028



27.4307, 29.2326, 22.8293

Triad

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



29.2500, 29.2326, 23.5028



24.4329, 29.2326, 32.8585



29.8920, 29.2326, 40.7097

Complementary

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



29.2500, 29.2326, 23.5028



25.9300, 28.2921, 40.1707

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.



28.1418, 29.2326, 42.9294



29.2500, 29.2326, 23.5028



25.0309, 29.2326, 38.0885

Square

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



29.2500, 29.2326, 23.5028



24.7007, 29.2326, 27.8801



26.3692, 29.2326, 41.9213



31.1153, 29.2326, 36.1349

Rectangle

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



29.2500, 29.2326, 23.5028



26.2827, 29.2326, 23.6008



26.3692, 29.2326, 41.9213



29.3429, 29.2326, 41.7776

Sweetspot

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



29.2508, 29.2339, 23.5034



61.7661, 64.1866, 64.7490



28.4235, 24.9200, 31.4261



13.7540, 14.2780, 14.3116



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.



29.2508, 29.2339, 23.5034



50.5635, 49.7265, 36.5210



32.5723, 35.8770, 24.6106



7.7920, 8.0641, 7.9351



14.0818, 10.0609, 1.1997



0.3939, 0.3474, 0.0463

Inverse Universe

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



25.9300, 28.2921, 40.1707



43.4146, 47.6961, 72.3934



23.0251, 22.4823, 39.2025



7.4677, 7.9723, 9.5636



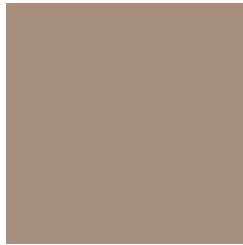
8.4272, 8.3146, 29.1362



0.2547, 0.3016, 0.7254

Previews

White Background



This preview shows how the XYZ color 29.2500, 29.2326, 23.5028 looks on a white background.

Color Contrast Check

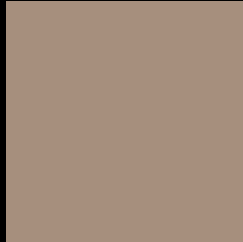
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2500, 29.2326, 23.5028 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 29.2500, 29.2326, 23.5028

Background



This preview shows how black text looks on a background with the XYZ color 29.2500, 29.2326, 23.5028.



This preview shows how white text looks on a background with the XYZ color 29.2500, 29.2326,

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

29.2500, 29.2326, 23.5028

Protanopia

27.7821, 29.3683, 24.2831

Deuteranopia

29.7369, 29.2617, 23.4828



Tritanopia

31.0998, 29.1023, 32.8323

Trichromacy



Original Color

29.2500, 29.2326, 23.5028

Protanomaly

28.3429, 29.4351, 23.9264

Deuteranomaly

29.5231, 29.1515, 23.4728

Tritanomaly

30.3343, 29.0041, 29.1989

Monochromacy



Original Color

29.2500, 29.2326, 23.5028

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.5301, 29.4198, 28.9858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2500, 29.2326, 23.5028 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(166, 143, 125)` looks like.

```
.text, #text, p{  
    color:rgb(166, 143, 125)  
}
```

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(166, 143, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 143, 125) }
```

Border

The CSS property to change the border of an element to XYZ 29.2500, 29.2326, 23.5028 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(166, 143, 125) }
```


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

```
.border{ border-color:rgb(166, 143, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 143, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 143, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 143, 125);  
box-shadow:4px 4px 4px 4px rgb(166, 143,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2500, 29.2326, 23.5028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 143, 125) }
```

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

```
.background{ background-color: rgb(166,  
143, 125) }
```

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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