

Converting Colors

XYZ(29.5100, 28.7711, 24.2482)

Have a look what the booklet for
XYZ(29.5100, 28.7711, 24.2482)
contains.

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Color

**XYZ(29.4228, 28.6395,
24.3993)**

Conversions

Conversions Part 1

Format	Color
Hex	A88C80
RGB	168, 140, 128
RGB Percent	66%, 55%, 50%
CMY	0.3412, 0.4510, 0.4980
CMYK	0.00, 0.17, 0.24, 0.34
HSL	18°, 19%, 58%
HSV	18°, 24%, 66%
XYZ	29.4228, 28.6395, 24.3993
YIQ	147.0040, 20.5400, 2.2040

Conversions

Conversions Part 2

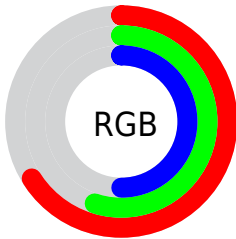
Format	Color
RYB	168, 145, 128
Decimal	11046016
CIELab	60.46, 8.66, 10.35
CIELCh	60, 13.495, 50.096
Yxy	28.6395, 0.3568, 0.3473
Android (android.graphics.Color)	4289236096 (0xFFA88C80)
YUV	147.0040, -9.3690, 18.4135
Hunter-Lab	53.5159, 4.4857, 10.4292

Details

The XYZ color **29.4228, 28.6395, 24.3993** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **27.8582, 31.1924, 41.5984**, and the grayscale version is **27.7670, 29.2130, 31.8130**.

A 20% lighter version of the original color is **58.3727, 57.7671, 51.7896**, and **12.1377, 11.5217, 8.9813** is the 20% darker color. If you saturate the color by 10%, you get **26.7801, 24.9795, 18.5071**, and if you desaturate by 10%, it is **32.4338, 32.7426, 31.3182**.

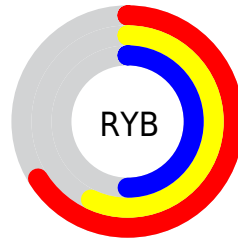
Distribution



Red (66%)

Green (55%)

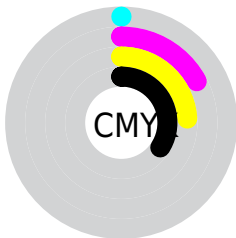
Blue (50%)



Red (66%)

Yellow (57%)

Blue (50%)

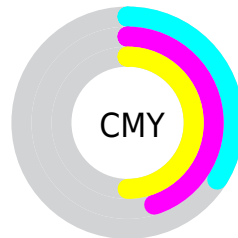


Cyan (0%)

Magenta (17%)

Yellow (24%)

Black (34%)



Cyan (34%)

Magenta (45%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.4228, 28.6395, 24.3993 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 29.4228, 28.6395, 24.3993 by changing the saturation by 10% instead.


 29.4228, 28.6395,
24.3993


 29.4228, 28.6395,
24.3993


291.1630,
295.5102, 288.1843


 19.5468, 18.8083,
15.4152


 58.1411, 57.5038,
51.6330

 12.1724, 11.5318,
8.9614


 77.7141, 77.3057,
70.7196

 6.9342, 6.4257,
4.6196


 101.2501,
101.2000, 94.0108

 3.4670, 3.1057,
1.9710

129.1145,
129.5710, 121.9251

 1.4052, 1.1871,
0.5374

161.6726,
162.8031, 154.8811

 0.2600, 0.0512,
0.0000

199.2898,

 0.0000, 0.0000,

201.2807, 193.2973

0.0000

242.3315,
245.3883, 237.5922

■ 29.4228, 28.6395,
24.3993

■ 29.4228, 28.6395,
24.3993

■ 26.7801, 24.9795,
18.5071

■ 32.4338, 32.7426,
31.3182

■ 24.4886, 21.7436,
13.5905

■ 35.8247, 37.2993,
39.3081

■ 22.5333, 18.9171,
9.5967

■ 39.6093, 42.3244,
48.4128

■ 20.8972, 16.4830,
6.4670

■ 43.8001, 47.8311,
58.6729

■ 19.5613, 14.4230,
4.1359

■ 48.4091, 53.8320,
70.1274

■ 18.5047, 12.7171,
2.5285

■ 53.4477, 60.3391,
82.8130

■ 17.7032, 11.3430,
1.5551

■ 58.9268, 67.3640,
96.7650

■ 17.3069, 10.6417,
1.1419

■ 63.6421, 74.4321,
105.6203

■ 67.1031, 81.3540,
106.7739

Harmonies

Analogous

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



30.4834, 28.6395, 28.0076



29.4228, 28.6395, 24.3993



27.8001, 28.6395, 22.6695

Triad

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



29.4228, 28.6395, 24.3993



24.0582, 28.6395, 29.5653



28.3861, 28.6395, 41.0688

Complementary

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



29.4228, 28.6395, 24.3993



27.8582, 31.1924, 41.5984

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.



26.6499, 28.6395, 41.6001



29.4228, 28.6395, 24.3993



24.2001, 28.6395, 34.5909

Square

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



29.4228, 28.6395, 24.3993



24.7357, 28.6395, 25.4350



25.1319, 28.6395, 39.1215



29.8674, 28.6395, 37.7388

Rectangle

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



29.4228, 28.6395, 24.3993



26.6390, 28.6395, 22.6740



25.1319, 28.6395, 39.1215



27.8113, 28.6395, 41.5933

Sweetspot

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



29.4236, 28.6408, 24.3999



62.8883, 64.8470, 66.2968



29.8686, 26.1638, 34.9286



13.6311, 14.0321, 14.2706



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.



29.4236, 28.6408, 24.3999



50.5680, 48.0742, 37.9348



32.6157, 35.0252, 25.4640



7.7078, 7.8957, 7.9070



13.1097, 8.1166, 0.8757



0.3631, 0.2858, 0.0360

Inverse Universe

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



27.8582, 31.1924, 41.5984



47.1829, 53.5771, 75.0797



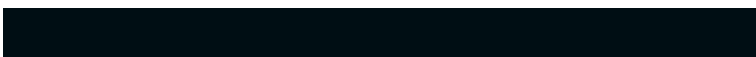
24.7745, 25.0250, 40.5705



7.5547, 8.1463, 9.5926



10.2393, 11.9387, 29.7402



0.2907, 0.3736, 0.7374

Previews

White Background



This preview shows how the XYZ color 29.4228, 28.6395, 24.3993 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 29.4228, 28.6395, 24.3993 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 29.4228, 28.6395, 24.3993

Background



This preview shows how black text looks on a background with the XYZ color 29.4228, 28.6395, 24.3993.



This preview shows how white text looks on a background with the XYZ color 29.4228, 28.6395,

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

29.4228, 28.6395, 24.3993

Protanopia

27.1710, 28.5649, 25.5542

Deuteranopia

29.3575, 28.8238, 24.4383



Tritanopia

30.8685, 28.5755, 31.9056

Trichromacy



Original Color

29.4228, 28.6395, 24.3993

Protanomaly

27.9523, 28.5257, 25.1519

Deuteranomaly

29.3575, 28.8238, 24.4383

Tritanomaly

30.2584, 28.5351, 29.1123

Monochromacy



Original Color

29.4228, 28.6395, 24.3993

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.2245, 28.8085, 28.8840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.4228, 28.6395, 24.3993 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(168, 140, 128)` looks like.

```
.text, #text, p{  
    color:rgb(168, 140, 128)  
}
```

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(168, 140, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 140, 128) }
```

Border

The CSS property to change the border of an element to XYZ 29.4228, 28.6395, 24.3993 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(168, 140, 128) }
```


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

```
.border{ border-color:rgb(168, 140, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 140, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 140, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 140, 128); box-shadow:4px 4px 4px 4px rgb(168, 140, 128) }
```

Background

The CSS property to change the background color of an element to XYZ 29.4228, 28.6395, 24.3993 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 140, 128) }
```

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

```
.background{ background-color: rgb(168,  
140, 128) }
```

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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