

Converting Colors

XYZ(28.5292, 29.1248, 15.6561)

Have a look what the booklet for
XYZ(28.5292, 29.1248, 15.6561)
contains.

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Color

**XYZ(28.3893, 28.9618,
15.6492)**

Conversions

Conversions Part 1

Format	Color
Hex	A98F62
RGB	169, 143, 98
RGB Percent	66%, 56%, 38%
CMY	0.3373, 0.4392, 0.6157
CMYK	0.00, 0.15, 0.42, 0.34
HSL	38°, 29%, 52%
HSV	38°, 42%, 66%
XYZ	28.3893, 28.9618, 15.6492
YIQ	145.6440, 29.9410, -8.4830

Conversions

Conversions Part 2

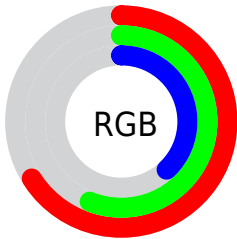
Format	Color
R_{YB}	139, 169, 98
Decimal	11112290
CIE _{Lab}	60.75, 3.42, 27.56
CIE _{LCh}	61, 27.772, 82.932
Yxy	28.9618, 0.3889, 0.3967
Android (android.graphics.Color)	4289302370 (0xFFA98F62)
YUV	145.6440, -23.4885, 20.4832
Hunter-Lab	53.8162, -0.0153, 20.4304

Details

The XYZ color **28.3893, 28.9618, 15.6492** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.4059, 19.8759, 40.3498**, and the grayscale version is **27.2610, 28.6807, 31.2333**.

A 20% lighter version of the original color is **56.4424, 58.1100, 36.6753**, and **11.5821, 11.7126, 4.7823** is the 20% darker color. If you saturate the color by 10%, you get **26.7708, 26.8699, 11.5800**, and if you desaturate by 10%, it is **30.2290, 31.2264, 20.6240**.

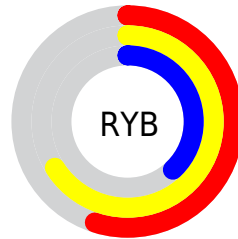
Distribution



Red (66%)

Green (56%)

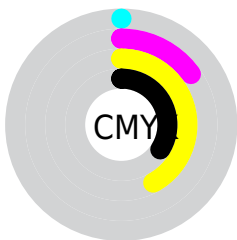
Blue (38%)



Red (55%)

Yellow (66%)

Blue (38%)

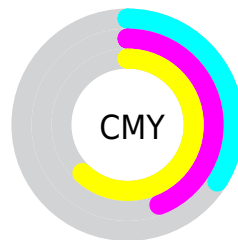


Cyan (0%)

Magenta (15%)

Yellow (42%)

Black (34%)



Cyan (34%)

Magenta (44%)

Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3893, 28.9618, 15.6492 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 28.3893, 28.9618, 15.6492 by changing the saturation by 10% instead.

■ 28.3893, 28.9618,
15.6492

■ 28.3893, 28.9618,
15.6492

286.3689,
297.0347, 239.0373

■ 18.7613, 19.0519,
9.1246

■ 56.5097, 58.0164,
36.7464

■ 11.6009, 11.7078,
4.7246

■ 75.7328, 77.9299,
52.1561

■ 6.5428, 6.5450,
2.0307

■ 98.8849, 101.9467,
71.3645

■ 3.2216, 3.1792,
0.5741

■ 126.3315,
130.4513, 94.7903

■ 1.2720, 1.2260,
0.0000

158.4378,
163.8280, 122.8519

■ 0.1621, 0.0828,
0.0000

195.5692,

■ 0.0000, 0.0000,

202.4612, 155.9679

0.0000

238.0912,
246.7353, 194.5569

■ 28.3893, 28.9618,
15.6492

■ 28.3893, 28.9618,
15.6492

■ 26.7708, 26.8699,
11.5800

■ 30.2290, 31.2264,
20.6240

■ 25.3599, 24.9405,
8.3580

■ 32.2982, 33.6650,
26.5544

■ 24.1444, 23.1688,
5.9208

■ 34.6076, 36.2841,
33.4885

■ 23.1100, 21.5474,
4.1964

■ 37.1662, 39.0888,
41.4711

■ 22.2395, 20.0681,
3.0993

■ 39.9828, 42.0835,
50.5439

■ 21.6326, 18.9758,
2.5225

■ 43.0655, 45.2729,
60.7464

■ 46.4222, 48.6610,
72.1162

■ 50.0602, 52.2521,
84.6891

■ 53.9868, 56.0502,
98.4994

Harmonies

Analogous

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



31.9213, 28.9618, 18.1966



28.3893, 28.9618, 15.6492



24.9134, 28.9618, 16.5551

Triad

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



28.3893, 28.9618, 15.6492



21.6232, 28.9618, 39.9206



33.4381, 28.9618, 45.0806

Complementary

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



28.3893, 28.9618, 15.6492



19.4059, 19.8759, 40.3498

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.



30.3179, 28.9618, 53.5831



28.3893, 28.9618, 15.6492



23.5563, 28.9618, 50.1787

Square

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



28.3893, 28.9618, 15.6492



21.2044, 28.9618, 29.1537



26.6830, 28.9618, 55.6281



34.9967, 28.9618, 34.0414

Rectangle

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



28.3893, 28.9618, 15.6492



23.0700, 28.9618, 19.1165



26.6830, 28.9618, 55.6281



32.5247, 28.9618, 48.4203

Sweetspot

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



28.3900, 28.9632, 15.6498



61.4513, 64.3921, 58.3598



24.3703, 18.6268, 21.3911



13.1961, 13.8127, 12.1201



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.



28.3900, 28.9632, 15.6498



48.2499, 48.5261, 21.4756



30.7968, 36.6835, 17.0131



7.9125, 8.3050, 7.9753



16.1749, 14.2471, 1.8975



0.4397, 0.4390, 0.0616

Inverse Universe

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



19.4059, 19.8759, 40.3498



30.0868, 30.1711, 71.4629



17.6491, 14.7551, 39.4540



7.3483, 7.7336, 9.5238



6.6637, 4.7875, 28.5484



0.2109, 0.2141, 0.7109

Previews

White Background



This preview shows how the XYZ color 28.3893, 28.9618, 15.6492 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 28.3893, 28.9618, 15.6492 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 28.3893, 28.9618, 15.6492

Background



This preview shows how black text looks on a background with the XYZ color 28.3893, 28.9618, 15.6492.



This preview shows how white text looks on a background with the XYZ color 28.3893, 28.9618,

15.6492.

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

28.3893, 28.9618, 15.6492

Protanopia

26.9839, 29.1392, 16.0066

Deuteranopia

29.5347, 28.8871, 15.8235



Tritanopia

31.6677, 28.9966, 31.5316

Trichromacy



Original Color

28.3893, 28.9618, 15.6492

Protanomaly

27.6353, 29.2452, 15.9927

Deuteranomaly

29.0106, 28.8348, 15.8410

Tritanomaly

30.2083, 28.8209, 24.7397

Monochromacy



Original Color

28.3893, 28.9618, 15.6492

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.4143, 28.7058, 24.8648

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3893, 28.9618, 15.6492 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, 143, 98)` looks like.

```
.text, #text, p{  
    color:rgb(169, 143, 98)  
}
```

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, 143, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 143, 98) }
```

Border

The CSS property to change the border of an element to XYZ 28.3893, 28.9618, 15.6492 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, 143, 98) }
```


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

```
.border{ border-color:rgb(169, 143, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 143, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 143, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 143, 98);  
box-shadow:4px 4px 4px 4px rgb(169, 143,  
98) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3893, 28.9618, 15.6492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 143, 98) }
```

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

```
.background{ background-color: rgb(169,  
143, 98) }
```

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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