

Converting Colors

XYZ(28.4871, 28.1371, 31.6381)

Have a look what the booklet for
XYZ(28.4871, 28.1371, 31.6381)
contains.

XYZ(28.5016, 28.2243, 31.5494)	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(28.5016, 28.2243,
31.5494)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8D93
RGB	156, 141, 147
RGB Percent	61%, 55%, 58%
CMY	0.3882, 0.4470, 0.4235
CMYK	0.00, 0.10, 0.06, 0.39
HSL	336°, 7%, 58%
HSV	336°, 10%, 61%
XYZ	28.5016, 28.2243, 31.5494
YIQ	146.1690, 7.0140, 5.0460

Conversions

Conversions Part 2

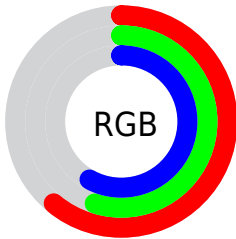
Format	Color
R _Y B	156, 141, 147
Decimal	10259859
CIE Lab	60.09, 6.69, -1.15
CIE LCh	60, 6.789, 350.215
Yxy	28.2243, 0.3229, 0.3197
Android (android.graphics.Color)	4288449939 (0xFF9C8D93)
YUV	146.1690, 0.4097, 8.6218
Hunter-Lab	53.1265, 2.7911, 1.9790

Details

The XYZ color **28.5016, 28.2243, 31.5494** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.3790, 31.6423, 33.4675**, and the grayscale version is **27.3879, 28.8142, 31.3787**.

A 20% lighter version of the original color is **56.9217, 57.0961, 63.2789**, and **11.7245, 11.3485, 12.8818** is the 20% darker color. If you saturate the color by 10%, you get **25.6566, 23.6623, 27.1231**, and if you desaturate by 10%, it is **31.7320, 33.4608, 36.3999**.

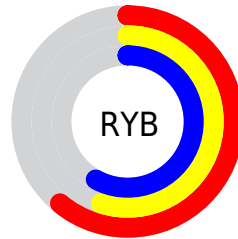
Distribution



Red (61%)

Green (55%)

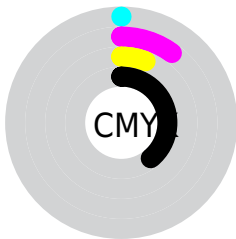
Blue (58%)



Red (61%)

Yellow (55%)

Blue (58%)

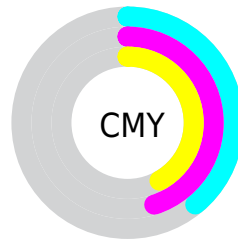


Cyan (0%)

Magenta (10%)

Yellow (6%)

Black (39%)



Cyan (39%)

Magenta (45%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5016, 28.2243, 31.5494 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 28.5016, 28.2243, 31.5494 by changing the saturation by 10% instead.

■ 28.5016, 28.2243,
31.5494

■ 28.5016, 28.2243,
31.5494

286.8929,
293.5372, 323.4907

■ 18.8465, 18.4948,
20.7556

■ 56.6873, 56.8423,
63.1937

■ 11.6628, 11.3058,
12.7560

■ 75.9487, 76.4997,
84.8813

■ 6.5850, 6.2729,
7.1320

■ 99.1428, 100.2351,
111.0372

■ 3.2480, 3.0117,
3.4651

126.6351,
128.4330, 142.0800

■ 1.2862, 1.1379,
1.3367

158.7909,
161.4778, 178.4282

■ 0.1729, 0.0101,
0.0916

195.9756,

■ 0.0000, 0.0000,

199.7538, 220.5003

0.0000

238.5544,
243.6454, 268.7150

■ 28.5016, 28.2243,
31.5494

■ 28.5016, 28.2243,
31.5494

■ 25.6566, 23.6623,
27.1231

■ 31.7320, 33.4608,
36.3999

■ 23.1798, 19.7434,
23.1071

■ 35.3595, 39.3939,
41.6841

■ 21.0560, 16.4396,
19.4897

■ 39.3981, 46.0493,
47.4137

■ 19.2681, 13.7191,
16.2574

■ 43.8607, 53.4505,
53.5992

■ 17.7977, 11.5472,
13.3963

■ 48.7593, 61.6197,
60.2508

■ 16.6241, 9.8858,
10.8912

■ 54.1055, 70.5783,
67.3783

■ 15.7245, 8.6916,
8.7260

■ 59.9106, 80.3467,
74.9913

■ 15.0719, 7.9139,
6.8824

■ 62.6411, 83.8562,
81.9176

■ 14.6070, 7.4371,
5.3311

■ 63.9305, 84.3720,
88.7073

Harmonies

Analogous

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



28.1269, 28.2243, 33.8864



28.5016, 28.2243, 31.5494



28.4201, 28.2243, 29.1123

Triad

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



28.5016, 28.2243, 31.5494



26.2549, 28.2243, 26.4685



25.7745, 28.2243, 34.5452

Complementary

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



28.5016, 28.2243, 31.5494



28.3790, 31.6423, 33.4675

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.



25.2933, 28.2243, 32.4096



28.5016, 28.2243, 31.5494



25.5665, 28.2243, 27.7787

Square

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



28.5016, 28.2243, 31.5494



27.1104, 28.2243, 26.2659



25.2181, 28.2243, 29.9278



26.5442, 28.2243, 35.6765

Rectangle

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



28.5016, 28.2243, 31.5494



28.1186, 28.2243, 27.7530



25.2181, 28.2243, 29.9278



25.5743, 28.2243, 33.9157

Sweetspot

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



28.5024, 28.2255, 31.5500



55.5321, 57.3562, 62.9884



28.1043, 27.9355, 35.3635



12.1183, 12.4566, 13.7088



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.



28.5024, 28.2255, 31.5500



50.3453, 48.9740, 55.1198



28.2665, 28.4874, 29.2097



6.7375, 6.6879, 7.4686



12.0342, 6.1183, 4.4312



0.2354, 0.1175, 0.1860

Inverse Universe

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



28.5024, 28.2255, 31.5500



50.3453, 48.9740, 55.1198



28.6244, 31.3403, 35.9933



6.7375, 6.6879, 7.4686



12.0342, 6.1183, 4.4312



0.2354, 0.1175, 0.1860

Previews

White Background



This preview shows how the XYZ color 28.5016, 28.2243, 31.5494 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 28.5016, 28.2243, 31.5494 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

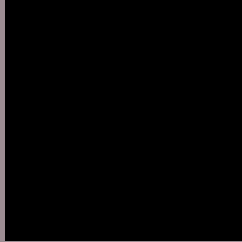
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.5016, 28.2243, 31.5494

Background



This preview shows how black text looks on a background with the XYZ color 28.5016, 28.2243, 31.5494.



This preview shows how white text looks on a background with the XYZ color 28.5016, 28.2243,

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

28.5016, 28.2243, 31.5494

Protanopia

27.2521, 28.2274, 32.4459

Deuteranopia

28.7451, 28.1319, 31.5187



Tritanopia

28.8686, 28.1586, 33.1918

Trichromacy



Original Color

28.5016, 28.2243, 31.5494

Protanomaly

27.7454, 28.2671, 32.0107

Deuteranomaly

28.5492, 28.0308, 31.5096

Tritanomaly

28.7877, 28.1263, 32.7658

Monochromacy



Original Color

28.5016, 28.2243, 31.5494

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.7392, 28.5059, 31.2343

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5016, 28.2243, 31.5494 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(156, 141, 147)` looks like.

```
.text, #text, p{  
    color:rgb(156, 141, 147)  
}
```

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(156, 141, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 141, 147) }
```

Border

The CSS property to change the border of an element to XYZ 28.5016, 28.2243, 31.5494 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(156, 141, 147) }
```


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

```
.border{ border-color:rgb(156, 141, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 141, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 141, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 141, 147);  
box-shadow:4px 4px 4px 4px rgb(156, 141,  
147) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5016, 28.2243, 31.5494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 141, 147) }
```

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

```
.background{ background-color: rgb(156,  
141, 147) }
```

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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