

Converting Colors

XYZ(28.1362, 27.2296, 29.0014)

Have a look what the booklet for
XYZ(28.1362, 27.2296, 29.0014)
contains.

XYZ(28.0515, 27.1853, 28.9681)	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(28.0515, 27.1853,
28.9681)**

Conversions

Conversions Part 1

Format	Color
Hex	9F898D
RGB	159, 137, 141
RGB Percent	62%, 54%, 55%
CMY	0.3765, 0.4627, 0.4471
CMYK	0.00, 0.14, 0.11, 0.38
HSL	349°, 10%, 58%
HSV	349°, 14%, 62%
XYZ	28.0515, 27.1853, 28.9681
YIQ	144.0340, 11.8280, 5.9080

Conversions

Conversions Part 2

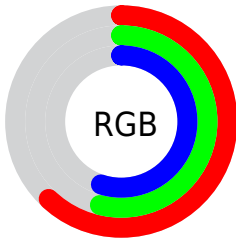
Format	Color
R_{YB}	159, 137, 141
Decimal	10455437
CIE Lab	59.15, 8.99, 0.93
CIE LCh	59, 9.042, 5.896
Yxy	27.1853, 0.3331, 0.3228
Android (android.graphics.Color)	4288645517 (0xFF9F898D)
YUV	144.0340, -1.4958, 13.1252
Hunter-Lab	52.1395, 4.7903, 3.5568

Details

The XYZ color **28.0515, 27.1853, 28.9681** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.6322, 32.4820, 35.7726**, and the grayscale version is **26.5260, 27.9075, 30.3912**.

A 20% lighter version of the original color is **55.9953, 55.0632, 59.3067**, and **11.3599, 10.6975, 11.3636** is the 20% darker color. If you saturate the color by 10%, you get **25.0439, 22.6292, 23.4666**, and if you desaturate by 10%, it is **31.5075, 32.4555, 35.1809**.

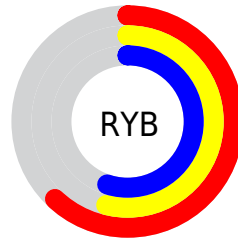
Distribution



Red (62%)

Green (54%)

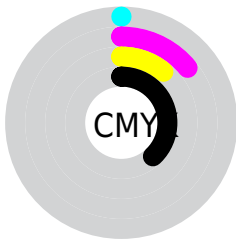
Blue (55%)



Red (62%)

Yellow (54%)

Blue (55%)

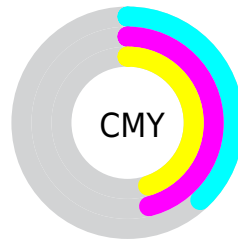


Cyan (0%)

Magenta (14%)

Yellow (11%)

Black (38%)



Cyan (38%)

Magenta (46%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.0515, 27.1853, 28.9681 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 28.0515, 27.1853, 28.9681 by changing the saturation by 10% instead.

■ 28.0515, 27.1853,
28.9681

■ 28.0515, 27.1853,
28.9681

284.7885,
288.5532, 311.1206

■ 18.5051, 17.7124,
18.8113

■ 55.9747, 55.1811,
59.0680

■ 11.4151, 10.7437,
11.3586

■ 75.0823, 74.4728,
79.8482

■ 6.4161, 5.8948,
6.1914

■ 98.1076, 97.8062,
105.0066

■ 3.1428, 2.7812,
2.8911

125.4161,
125.5658, 134.9617

■ 1.2297, 1.0186,
1.0393

157.3731,
158.1358, 170.1321

■ 0.1296, 0.0000,
0.0000

194.3439,

■ 0.0000, 0.0000,

195.9009, 210.9364

0.0000

236.6940,
239.2452, 257.7931

■ 28.0515, 27.1853,
28.9681

■ 28.0515, 27.1853,
28.9681

■ 25.0439, 22.6292,
23.4666

■ 31.5075, 32.4555,
35.1809

■ 22.4639, 18.7530,
18.6491

■ 35.4269, 38.4649,
42.1274

■ 20.2927, 15.5251,
14.4893

■ 39.8270, 45.2419,
49.8313

■ 18.5088, 12.9098,
10.9582

■ 44.7233, 52.8122,
58.3145

■ 17.0891, 10.8684,
8.0249

■ 50.1308, 61.2004,
67.5982

■ 16.0077, 9.3571,
5.6557

■ 56.0637, 70.4301,
77.7027

■ 15.2353, 8.3264,
3.8133

■ 62.5357, 80.5237,
88.6475

■ 14.7373, 7.7169,
2.4560

■ 66.5531, 85.4889,
99.4493

■ 14.5188, 7.4592,
1.8300

■ 68.1083, 86.1110,
107.6391

Harmonies

Analogous

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



27.8647, 27.1853, 32.2038



28.0515, 27.1853, 28.9681



27.6316, 27.1853, 26.1134

Triad

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



28.0515, 27.1853, 28.9681



24.5908, 27.1853, 24.8585



24.9652, 27.1853, 35.6248

Complementary

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



28.0515, 27.1853, 28.9681



28.6322, 32.4820, 35.7726

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.



24.1253, 27.1853, 33.3843



28.0515, 27.1853, 28.9681



23.9136, 27.1853, 27.1408

Square

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



28.0515, 27.1853, 28.9681



25.6172, 27.1853, 23.8539



23.7457, 27.1853, 30.2414



26.0617, 27.1853, 36.2022

Rectangle

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



28.0515, 27.1853, 28.9681



27.0711, 27.1853, 24.7597



23.7457, 27.1853, 30.2414



24.6445, 27.1853, 35.0337

Sweetspot

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



28.0523, 27.1865, 28.9687



56.2673, 57.8809, 62.7211



28.7158, 27.3610, 36.5691



12.5789, 12.8864, 13.9502



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



28.0523, 27.1865, 28.9687



48.2696, 45.6987, 48.3000



28.7826, 29.1146, 27.7709



6.6798, 6.6649, 7.1652



11.4790, 5.8962, 1.5074



0.2172, 0.1102, 0.0897

Inverse Universe

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



28.0523, 27.1865, 28.9687



48.2696, 45.6987, 48.3000



27.8092, 30.2898, 37.1822



6.6798, 6.6649, 7.1652



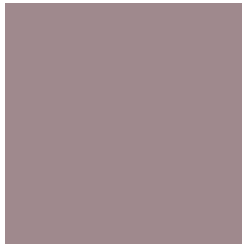
11.4790, 5.8962, 1.5074



0.2172, 0.1102, 0.0897

Previews

White Background



This preview shows how the XYZ color 28.0515, 27.1853, 28.9681 looks on a white background.

Color Contrast Check

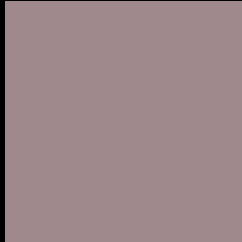
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.0515, 27.1853, 28.9681 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 28.0515, 27.1853, 28.9681

Background



This preview shows how black text looks on a background with the XYZ color 28.0515, 27.1853, 28.9681.



This preview shows how white text looks on a background with the XYZ color 28.0515, 27.1853,

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

28.0515, 27.1853, 28.9681

Protanopia

26.3841, 27.3794, 30.2797

Deuteranopia

27.8008, 27.2681, 28.9973



Tritanopia

28.5678, 27.1885, 31.3460

Trichromacy



Original Color

28.0515, 27.1853, 28.9681

Protanomaly

26.9137, 27.2234, 29.8227

Deuteranomaly

27.9967, 27.3691, 29.0065

Tritanomaly

28.4122, 27.1262, 30.5265

Monochromacy



Original Color

28.0515, 27.1853, 28.9681

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

26.8772, 27.4225, 29.8631

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.0515, 27.1853, 28.9681 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(159, 137, 141)` looks like.

```
.text, #text, p{  
    color:rgb(159, 137, 141)  
}
```

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(159, 137, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 137, 141) }
```

Border

The CSS property to change the border of an element to XYZ 28.0515, 27.1853, 28.9681 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(159, 137, 141) }
```


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

```
.border{ border-color:rgb(159, 137, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 137, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 137, 141); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 137, 141); box-shadow:4px 4px 4px 4px rgb(159, 137, 141) }
```

Background

The CSS property to change the background color of an element to XYZ 28.0515, 27.1853, 28.9681 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 137, 141) }
```

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

```
.background{ background-color: rgb(159,  
137, 141) }
```

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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