

Converting Colors

XYZ(28.8161, 28.2389, 27.1471)

Have a look what the booklet for
XYZ(28.8161, 28.2389, 27.1471)
contains.

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Color

**XYZ(28.9263, 28.3203,
27.2343)**

Conversions

Conversions Part 1

Format	Color
Hex	A38C88
RGB	163, 140, 136
RGB Percent	64%, 55%, 53%
CMY	0.3608, 0.4510, 0.4667
CMYK	0.00, 0.14, 0.17, 0.36
HSL	9°, 13%, 59%
HSV	9°, 17%, 64%
XYZ	28.9263, 28.3203, 27.2343
YIQ	146.4210, 14.9920, 3.6320

Conversions

Conversions Part 2

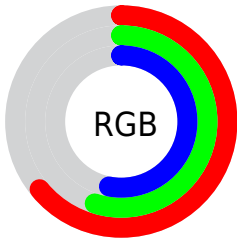
Format	Color
R_{YB}	163, 141, 136
Decimal	10718344
CIE Lab	60.18, 7.97, 5.33
CIE LCh	60, 9.588, 33.748
Yxy	28.3203, 0.3424, 0.3352
Android (android.graphics.Color)	4288908424 (0xFFA38C88)
YUV	146.4210, -5.1376, 14.5398
Hunter-Lab	53.2168, 3.8952, 6.9095

Details

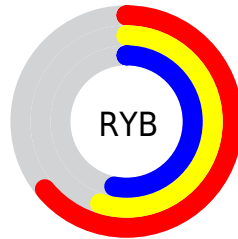
The XYZ color **28.9263, 28.3203, 27.2343** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.1621, 32.6741, 39.4204**, and the grayscale version is **27.5112, 28.9440, 31.5200**.

A 20% lighter version of the original color is **57.3905, 57.1631, 56.1529**, and **11.8914, 11.3637, 10.3708** is the 20% darker color. If you saturate the color by 10%, you get **25.9527, 24.0880, 20.9559**, and if you desaturate by 10%, it is **32.3336, 33.1375, 34.5272**.

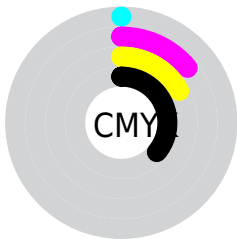
Distribution



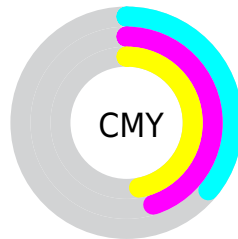
- Red (64%)
- Green (55%)
- Blue (53%)



- Red (64%)
- Yellow (55%)
- Blue (53%)



- Cyan (0%)
- Magenta (14%)
- Yellow (17%)
- Black (36%)



- Cyan (36%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9263, 28.3203, 27.2343 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 28.9263, 28.3203, 27.2343 by changing the saturation by 10% instead.

■ 28.9263, 28.3203,
27.2343

■ 28.9263, 28.3203,
27.2343

288.8675,
293.9943, 302.5858

■ 19.1691, 18.5672,
17.5153

■ 57.3583, 56.9954,
56.2679

■ 11.8972, 11.3580,
10.4367

■ 76.7639, 76.6863,
76.4196

■ 6.7454, 6.3082,
5.5801

■ 100.1162,
100.4585, 100.8859

■ 3.3483, 3.0334,
2.5269

127.7807,
128.6965, 130.0854

■ 1.3405, 1.1492,
0.8543

160.1227,
161.7847, 164.4365

■ 0.2132, 0.0196,
0.0000

197.5077,

■ 0.0000, 0.0000,

200.1075, 204.3580

0.0000

240.3008,
244.0492, 250.2682

■ 28.9263, 28.3203,
27.2343

■ 28.9263, 28.3203,
27.2343

■ 25.9527, 24.0880,
20.9559

■ 32.3336, 33.1375,
34.5272

■ 23.3932, 20.4148,
15.6452

■ 36.1888, 38.5569,
42.8749

■ 21.2297, 17.2782,
11.2545

■ 40.5081, 44.5996,
52.3178

■ 19.4423, 14.6530,
7.7313

■ 45.3064, 51.2846,
62.8935

■ 18.0092, 12.5119,
5.0178

■ 50.5979, 58.6301,
74.6380

■ 16.9060, 10.8249,
3.0491

■ 56.3961, 66.6536,
87.5854

■ 16.1056, 9.5589,
1.7502

■ 62.7140, 75.3719,
101.7687

■ 15.5729, 8.6746,
1.0144

■ 67.6736, 84.0450,
107.2633

■ 15.4345, 8.4468,
0.8169

■ 68.9144, 86.5266,
107.6769

Harmonies

Analogous

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



29.3399, 28.3203, 30.3966



28.9263, 28.3203, 27.2343



27.9741, 28.3203, 25.1671

Triad

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



28.9263, 28.3203, 27.2343



24.8576, 28.3203, 27.9443



27.0720, 28.3203, 38.0777

Complementary

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



28.9263, 28.3203, 27.2343



29.1621, 32.6741, 39.4204

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.



25.8880, 28.3203, 37.2980



28.9263, 28.3203, 27.2343



24.6325, 28.3203, 31.2796

Square

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



28.9263, 28.3203, 27.2343



25.6287, 28.3203, 25.5546



25.0041, 28.3203, 34.7420



28.2490, 28.3203, 36.7991

Rectangle

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



28.9263, 28.3203, 27.2343



27.1752, 28.3203, 24.5982



25.0041, 28.3203, 34.7420



26.6616, 28.3203, 38.0481

Sweetspot

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



28.9271, 28.3216, 27.2349



58.8713, 60.7057, 63.9145



30.2015, 27.9123, 36.7793



13.1232, 13.4948, 14.1414



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



28.9271, 28.3216, 27.2349



49.6884, 47.7142, 44.2847



30.9561, 32.3797, 27.9112



7.1546, 7.2476, 7.4019



12.0172, 6.6084, 0.6422



0.2754, 0.1846, 0.0211

Inverse Universe

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



29.1621, 32.6741, 39.4204



50.1913, 57.0480, 70.4221



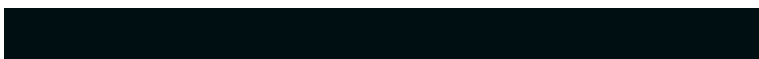
27.0280, 28.4059, 38.7090



7.1862, 7.8315, 9.0359



12.3204, 16.4202, 29.4498



0.2817, 0.3906, 0.6264

Previews

White Background



This preview shows how the XYZ color 28.9263, 28.3203, 27.2343 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 28.9263, 28.3203, 27.2343 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 28.9263, 28.3203, 27.2343

Background



This preview shows how black text looks on a background with the XYZ color 28.9263, 28.3203, 27.2343.



This preview shows how white text looks on a background with the XYZ color 28.9263, 28.3203,

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

28.9263, 28.3203, 27.2343

Protanopia

27.1073, 28.4753, 28.1123

Deuteranopia

28.9263, 28.3203, 27.2343



Tritanopia

30.0303, 28.3462, 32.3224

Trichromacy



Original Color

28.9263, 28.3203, 27.2343

Protanomaly

27.6642, 28.3211, 27.6754

Deuteranomaly

28.9263, 28.3203, 27.2343

Tritanomaly

29.5765, 28.3714, 30.3029

Monochromacy



Original Color

28.9263, 28.3203, 27.2343

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.8046, 28.5749, 29.6412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9263, 28.3203, 27.2343 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(163, 140, 136)` looks like.

```
.text, #text, p{  
    color:rgb(163, 140, 136)  
}
```

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(163, 140, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 140, 136) }
```

Border

The CSS property to change the border of an element to XYZ 28.9263, 28.3203, 27.2343 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(163, 140, 136) }
```


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

```
.border{ border-color:rgb(163, 140, 136) }
```

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

Here you see how a box with a 4 pixel rgb(163, 140, 136) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 140, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 140, 136);  
box-shadow:4px 4px 4px 4px rgb(163, 140,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9263, 28.3203, 27.2343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 140, 136) }
```

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

```
.background{ background-color: rgb(163,  
140, 136) }
```

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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