

Converting Colors

XYZ(28.6420, 28.1646, 29.8016)

Have a look what the booklet for
XYZ(28.6420, 28.1646, 29.8016)
contains.

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Color

**XYZ(28.6341, 28.1103,
29.9032)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8C8F
RGB	159, 140, 143
RGB Percent	62%, 55%, 56%
CMY	0.3765, 0.4510, 0.4392
CMYK	0.00, 0.12, 0.10, 0.38
HSL	351°, 9%, 59%
HSV	351°, 12%, 62%
XYZ	28.6341, 28.1103, 29.9032
YIQ	146.0230, 10.3610, 4.9610

Conversions

Conversions Part 2

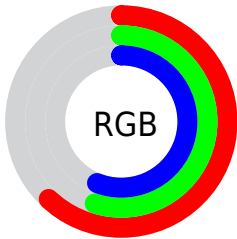
Format	Color
R_{YB}	159, 140, 143
Decimal	10456207
CIE Lab	59.99, 7.65, 1.01
CIE LCh	60, 7.716, 7.540
Yxy	28.1103, 0.3305, 0.3244
Android (android.graphics.Color)	4288646287 (0xFF9F8C8F)
YUV	146.0230, -1.4903, 11.3808
Hunter-Lab	53.0191, 3.6192, 3.6734

Details

The XYZ color **28.6341, 28.1103, 29.9032** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.2152, 32.7728, 36.2402**, and the grayscale version is **27.3346, 28.7582, 31.3177**.

A 20% lighter version of the original color is **57.1014, 56.9109, 60.7987**, and **11.6954, 11.2284, 11.9068** is the 20% darker color. If you saturate the color by 10%, you get **25.5220, 23.4136, 24.1559**, and if you desaturate by 10%, it is **32.2047, 33.5294, 36.4015**.

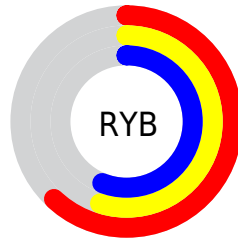
Distribution



Red (62%)

Green (55%)

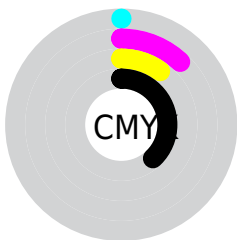
Blue (56%)



Red (62%)

Yellow (55%)

Blue (56%)

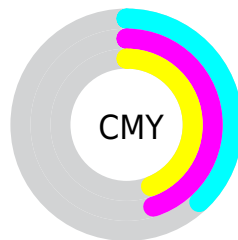


Cyan (0%)

Magenta (12%)

Yellow (10%)

Black (38%)



Cyan (38%)


Magenta (45%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.6341, 28.1103, 29.9032 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 28.6341, 28.1103, 29.9032 by changing the saturation by 10% instead.


 28.6341, 28.1103,
29.9032


 28.6341, 28.1103,
29.9032


287.5100,
292.9936, 315.6462

 18.9471, 18.4088,
19.5137


 56.8968, 56.6605,
60.5683

 11.7358, 11.2439,
11.8615


 76.2033, 76.2780,
81.6809

 6.6350, 6.2311,
6.5280


 99.4469, 99.9696,
107.2050

 3.2792, 2.9861,
3.0948

126.9930,
128.1198, 137.5591

 1.3031, 1.1245,
1.1432

159.2070,
161.1129, 173.1617

 0.1855, 0.0000,
0.0000

196.4543,

 0.0000, 0.0000,

199.3333, 214.4314

0.0000

239.1002,
243.1654, 261.7867

■ 28.6341, 28.1103,
29.9032

■ 28.6341, 28.1103,
29.9032

■ 25.5220, 23.4136,
24.1559

■ 32.2047, 33.5294,
36.4015

■ 22.8474, 19.4052,
19.1308

■ 36.2488, 39.6957,
43.6749

■ 20.5912, 16.0538,
14.7996

■ 40.7839, 46.6374,
51.7483

■ 18.7320, 13.3243,
11.1316

■ 45.8257, 54.3803,
60.6452

■ 17.2466, 11.1781,
8.0938

■ 51.3894, 62.9488,
70.3882

■ 16.1090, 9.5727,
5.6502

■ 57.4892, 72.3662,
80.9987

■ 15.2902, 8.4592,
3.7614

■ 64.1392, 82.6552,
92.4976

■ 14.7561, 7.7804,
2.3825

■ 67.3347, 85.8016,
103.5657

■ 14.4746, 7.4416,
1.5979

■ 68.1082, 86.1110,
107.6391

Harmonies

Analogous

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



28.5014, 28.1103, 32.7203



28.6341, 28.1103, 29.9032



28.2435, 28.1103, 27.4289

Triad

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



28.6341, 28.1103, 29.9032



25.5838, 28.1103, 26.5162



26.0030, 28.1103, 35.8822

Complementary

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



28.6341, 28.1103, 29.9032



29.2152, 32.7728, 36.2402

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.



25.2484, 28.1103, 34.0222



28.6341, 28.1103, 29.9032



25.0106, 28.1103, 28.5873

Square

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



28.6341, 28.1103, 29.9032



26.4710, 28.1103, 25.5529



24.8893, 28.1103, 31.3224



26.9665, 28.1103, 36.2879

Rectangle

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



28.6341, 28.1103, 29.9032



27.7444, 28.1103, 26.2672



24.8893, 28.1103, 31.3224



25.7172, 28.1103, 35.4011

Sweetspot

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



28.6349, 28.1115, 29.9038



56.2442, 57.8717, 62.5995



29.3151, 28.3120, 36.7209



12.5728, 12.8839, 13.9182



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.



28.6349, 28.1115, 29.9038



49.9177, 48.2811, 51.0499



29.3629, 29.9262, 29.0412



6.6736, 6.6624, 7.1324



11.4431, 5.8818, 1.3182



0.2151, 0.1094, 0.0791

Inverse Universe

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



28.6349, 28.1115, 29.9038



49.9177, 48.2811, 51.0499



28.4110, 30.7531, 37.2398



6.6736, 6.6624, 7.1324



11.4431, 5.8818, 1.3182



0.2151, 0.1094, 0.0791

Previews

White Background



This preview shows how the XYZ color 28.6341, 28.1103, 29.9032 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 28.6341, 28.1103, 29.9032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

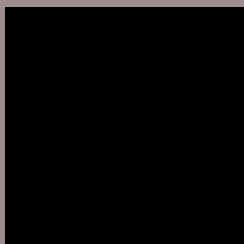
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.6341, 28.1103, 29.9032

Background



This preview shows how black text looks on a background with the XYZ color 28.6341, 28.1103, 29.9032.



This preview shows how white text looks on a background with the XYZ color 28.6341, 28.1103,

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

28.6341, 28.1103, 29.9032

Protanopia

27.1167, 28.1939, 30.8008

Deuteranopia

28.6341, 28.1103, 29.9032



Tritanopia

29.2348, 28.1408, 32.7450

Trichromacy



Original Color

28.6341, 28.1103, 29.9032

Protanomaly

27.6190, 28.2378, 30.3803

Deuteranomaly

28.6341, 28.1103, 29.9032

Tritanomaly

28.9963, 28.0454, 31.4888

Monochromacy



Original Color

28.6341, 28.1103, 29.9032

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.8466, 28.5702, 30.8350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6341, 28.1103, 29.9032 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, 140, 143)` looks like.

```
.text, #text, p{  
    color:rgb(159, 140, 143)  
}
```

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, 140, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 140, 143) }
```

Border

The CSS property to change the border of an element to XYZ 28.6341, 28.1103, 29.9032 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, 140, 143) }
```


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

```
.border{ border-color:rgb(159, 140, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 140, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 140, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 140, 143);  
box-shadow:4px 4px 4px 4px rgb(159, 140,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6341, 28.1103, 29.9032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 140, 143) }
```

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

```
.background{ background-color: rgb(159,  
140, 143) }
```

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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