

Converting Colors

XYZ(28.3630, 27.0194, 27.9590)

Have a look what the booklet for
XYZ(28.3630, 27.0194, 27.9590)
contains.

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Color

**XYZ(28.4284, 26.9786,
28.1351)**

Conversions

Conversions Part 1

Format	Color
Hex	A3878B
RGB	163, 135, 139
RGB Percent	64%, 53%, 55%
CMY	0.3608, 0.4706, 0.4549
CMYK	0.00, 0.17, 0.15, 0.36
HSL	351°, 13%, 58%
HSV	351°, 17%, 64%
XYZ	28.4284, 26.9786, 28.1351
YIQ	143.8280, 15.4040, 7.1800

Conversions

Conversions Part 2

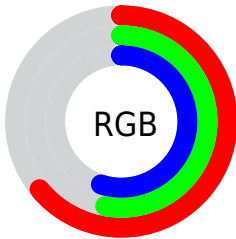
Format	Color
R_{YB}	163, 135, 139
Decimal	10717067
CIE _{Lab}	58.95, 11.30, 1.84
CIE _{LCh}	59, 11.451, 9.270
Yxy	26.9786, 0.3403, 0.3229
Android (android.graphics.Color)	4288907147 (0xFFA3878B)
YUV	143.8280, -2.3802, 16.8138
Hunter-Lab	51.9409, 6.8003, 4.2427

Details

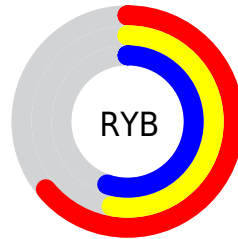
The XYZ color **28.4284, 26.9786, 28.1351** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **29.3479, 33.8491, 37.7893**, and the grayscale version is **26.4456, 27.8229, 30.2991**.

A 20% lighter version of the original color is **56.4111, 54.6776, 57.4498**, and **11.6072, 10.5978, 10.8850** is the 20% darker color. If you saturate the color by 10%, you get **25.3694, 22.3913, 22.3962**, and if you desaturate by 10%, it is **31.9676, 32.3169, 34.6786**.

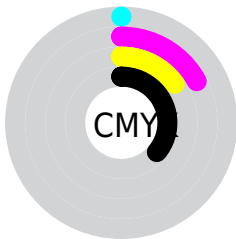
Distribution



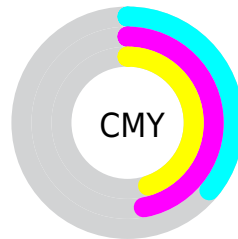
- Red (64%)
- Green (53%)
- Blue (55%)



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



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (36%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.4284, 26.9786, 28.1351 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 28.4284, 26.9786, 28.1351 by changing the saturation by 10% instead.

■ 28.4284, 26.9786,
28.1351

■ 28.4284, 26.9786,
28.1351

286.5514,
287.5535, 307.0441

■ 18.7909, 17.5572,
18.1876

■ 56.5716, 54.8495,
57.7258

■ 11.6224, 10.6325,
10.9139

■ 75.8080, 74.0678,
78.2060

■ 6.5575, 5.8203,
5.8955

■ 98.9747, 97.3205,
103.0342

■ 3.2308, 2.7361,
2.7139

126.4372,
124.9919, 132.6290

■ 1.2770, 0.9956,
0.9504

158.5608,
157.4665, 167.4088

■ 0.1659, 0.0000,
0.0000

195.7108,

■ 0.0000, 0.0000,

195.1288, 207.7923

0.0000

238.2525,
238.3629, 254.1978

■ 28.4284, 26.9786,
28.1351

■ 28.4284, 26.9786,
28.1351

■ 25.3694, 22.3913,
22.3962

■ 31.9676, 32.3169,
34.6786

■ 22.7678, 18.5179,
17.4290

■ 36.0042, 38.4340,
42.0545

■ 20.6019, 15.3234,
13.2011

■ 40.5573, 45.3608,
50.2911

■ 18.8478, 12.7686,
9.6768

■ 45.6442, 53.1252,
59.4150

■ 17.4789, 10.8103,
6.8176

■ 51.2817, 61.7540,
69.4519

■ 16.4657, 9.3998,
4.5813

■ 57.4856, 71.2728,
80.4259

■ 15.7743, 8.4808,
2.9207

■ 64.2710, 81.7060,
92.3608

■ 15.3546, 7.9666,
1.7785

■ 68.2432, 86.2581,
104.1426

■ 15.2617, 7.8495,
1.5355

■ 68.9143, 86.5266,
107.6769

Harmonies

Analogous

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



28.2777, 26.9786, 32.2265



28.4284, 26.9786, 28.1351



27.8115, 26.9786, 24.7046

Triad

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



28.4284, 26.9786, 28.1351



23.9550, 26.9786, 23.7353



24.6894, 26.9786, 37.2998

Complementary

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



28.4284, 26.9786, 28.1351



29.3479, 33.8491, 37.7893

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.



23.5890, 26.9786, 34.6000



28.4284, 26.9786, 28.1351



23.1760, 26.9786, 26.6971

Square

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



28.4284, 26.9786, 28.1351



25.2056, 26.9786, 22.3230



23.0445, 26.9786, 30.6510



26.0841, 26.9786, 37.7750

Rectangle

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



28.4284, 26.9786, 28.1351



27.0609, 26.9786, 23.1614



23.0445, 26.9786, 30.6510



24.2743, 26.9786, 36.6112

Sweetspot

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



28.4292, 26.9798, 28.1357



58.6822, 60.0416, 64.7330



29.5341, 27.3241, 38.3679



13.0756, 13.3274, 14.3477



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.



28.4292, 26.9798, 28.1357



48.5026, 44.6956, 45.8847



29.5731, 29.7266, 27.1024



7.1131, 7.1017, 7.5818



11.8719, 6.1048, 1.2500



0.2606, 0.1327, 0.0851

Inverse Universe

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



28.4292, 26.9798, 28.1357



48.5026, 44.6956, 45.8847



28.0275, 30.6442, 39.0882



7.1131, 7.1017, 7.5818



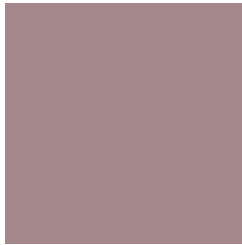
11.8719, 6.1048, 1.2500



0.2606, 0.1327, 0.0851

Previews

White Background



This preview shows how the XYZ color 28.4284, 26.9786, 28.1351 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 28.4284, 26.9786, 28.1351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

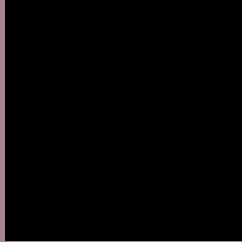
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.4284, 26.9786, 28.1351

Background



This preview shows how black text looks on a background with the XYZ color 28.4284, 26.9786, 28.1351.



This preview shows how white text looks on a background with the XYZ color 28.4284, 26.9786,

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

28.4284, 26.9786, 28.1351

Protanopia

25.9844, 26.9622, 29.8213

Deuteranopia

27.5105, 26.9235, 28.1729



Tritanopia

28.9458, 26.9870, 30.4715

Trichromacy



Original Color

28.4284, 26.9786, 28.1351

Protanomaly

26.8776, 26.9975, 29.3856

Deuteranomaly

27.7624, 26.8433, 28.1441

Tritanomaly

28.7929, 26.9259, 29.6663

Monochromacy



Original Color

28.4284, 26.9786, 28.1351

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.1699, 27.5821, 29.4830

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.4284, 26.9786, 28.1351 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, 135, 139)` looks like.

```
.text, #text, p{  
    color:rgb(163, 135, 139)  
}
```

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, 135, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 135, 139) }
```

Border

The CSS property to change the border of an element to XYZ 28.4284, 26.9786, 28.1351 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, 135, 139) }
```


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

```
.border{ border-color:rgb(163, 135, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 135, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 135, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 135, 139);  
box-shadow:4px 4px 4px 4px rgb(163, 135,  
139) }
```

Background

The CSS property to change the background color of an element to XYZ 28.4284, 26.9786, 28.1351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 135, 139) }
```

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

```
.background{ background-color: rgb(163,  
135, 139) }
```

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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