

Converting Colors

XYZ(28.6019, 28.0234, 33.2426)

Have a look what the booklet for
XYZ(28.6019, 28.0234, 33.2426)
contains.

XYZ(28.6743, 28.0585, 33.1827)	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(28.6743, 28.0585,
33.1827)**

Conversions

Conversions Part 1

Format	Color
Hex	9C8C97
RGB	156, 140, 151
RGB Percent	61%, 55%, 59%
CMY	0.3882, 0.4510, 0.4078
CMYK	0.00, 0.10, 0.03, 0.39
HSL	319°, 7%, 58%
HSV	319°, 10%, 61%
XYZ	28.6743, 28.0585, 33.1827
YIQ	146.0380, 6.0050, 6.8130

Conversions

Conversions Part 2

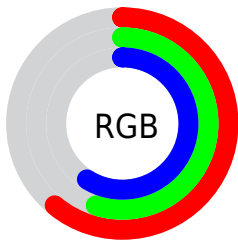
Format	Color
R_{YB}	156, 140, 151
Decimal	10259607
CIE _{Lab}	59.94, 8.01, -3.66
CIE _{LCh}	60, 8.803, 335.457
Yxy	28.0585, 0.3189, 0.3121
Android (android.graphics.Color)	4288449687 (0xFF9C8C97)
YUV	146.0380, 2.4463, 8.7367
Hunter-Lab	52.9703, 3.9291, -0.0624

Details

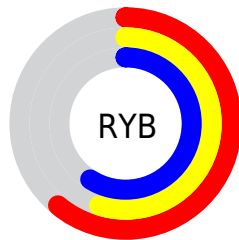
The XYZ color **28.6743, 28.0585, 33.1827** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.8156, 31.3974, 31.3839**, and the grayscale version is **27.3264, 28.7496, 31.3083**.

A 20% lighter version of the original color is **57.1752, 56.8402, 65.7154**, and **11.7821, 11.2357, 13.6043** is the 20% darker color. If you saturate the color by 10%, you get **26.1669, 23.6640, 30.4337**, and if you desaturate by 10%, it is **31.5229, 33.1084, 36.1269**.

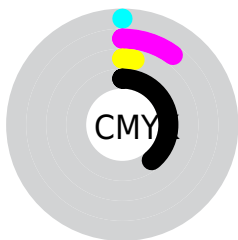
Distribution



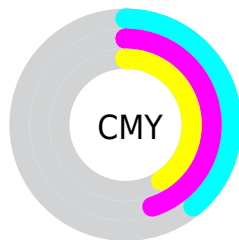
- Red (61%)
- Green (55%)
- Blue (59%)



- Red (61%)
- Yellow (55%)
- Blue (59%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (39%)



- Cyan (39%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6743, 28.0585, 33.1827 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 28.6743, 28.0585, 33.1827 by changing the saturation by 10% instead.

■ 28.6743, 28.0585,
33.1827

■ 28.6743, 28.0585,
33.1827

287.6971,
292.7463, 331.1294

■ 18.9776, 18.3698,
21.9942

■ 56.9604, 56.5778,
65.7800

■ 11.7580, 11.2158,
13.6543

■ 76.2804, 76.1772,
88.0258

■ 6.6501, 6.2122,
7.7447

■ 99.5390, 99.8489,
114.7944

■ 3.2887, 2.9745,
3.8466

127.1015,
127.9774, 146.5045

■ 1.3082, 1.1184,
1.5416

159.3332,
160.9469, 183.5745

■ 0.1893, 0.0000,
0.2486

196.5994,

■ 0.0000, 0.0000,

199.1420, 226.4229

0.0000

239.2656,
242.9470, 275.4684

■ 28.6743, 28.0585,
33.1827

■ 28.6743, 28.0585,
33.1827

■ 26.1669, 23.6640,
30.4337

■ 31.5229, 33.1084,
36.1269

■ 23.9845, 19.8940,
27.8725

■ 34.7232, 38.8355,
39.2698

■ 22.1133, 16.7207,
25.4939

■ 38.2881, 45.2652,
42.6170

■ 20.5373, 14.1129,
23.2917

■ 42.2295, 52.4204,
46.1732

■ 19.2394, 12.0361,
21.2589

■ 46.5582, 60.3232,
49.9430

■ 18.2004, 10.4525,
19.3883

■ 51.2851, 68.9944,
53.9310

■ 17.3986, 9.3190,
17.6715

■ 56.4202, 78.4542,
58.1413

■ 16.8085, 8.5852,
16.0989

■ 58.7655, 82.3060,
61.5087

■ 16.3771, 8.1347,
14.6840

■ 59.3076, 82.5228,
64.3631

Harmonies

Analogous

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



27.9365, 28.0585, 35.8503



28.6743, 28.0585, 33.1827



28.8685, 28.0585, 29.9686

Triad

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



28.6743, 28.0585, 33.1827



26.4647, 28.0585, 24.8181



24.9542, 28.0585, 34.2668

Complementary

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



28.6743, 28.0585, 33.1827



27.8156, 31.3974, 31.3839

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.



24.5837, 28.0585, 31.1407



28.6743, 28.0585, 33.1827



25.4400, 28.0585, 25.8014

Square

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



28.6743, 28.0585, 33.1827



27.5725, 28.0585, 25.2813



24.7590, 28.0585, 28.0621



25.7850, 28.0585, 36.5062

Rectangle

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



28.6743, 28.0585, 33.1827



28.6591, 28.0585, 27.9780



24.7590, 28.0585, 28.0621



24.7728, 28.0585, 33.2770

Sweetspot

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



28.6751, 28.0597, 33.1833



55.7395, 57.4391, 64.0803



27.0218, 27.1595, 35.2709



12.1752, 12.4794, 14.0084



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.



28.6751, 28.0597, 33.1833



51.1299, 49.2878, 59.2516



28.0625, 27.8147, 29.9571



6.8158, 6.7193, 7.8813



13.5056, 6.7068, 12.1796



0.2596, 0.1272, 0.3130

Inverse Universe

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



28.6751, 28.0597, 33.1833



51.1299, 49.2878, 59.2516



28.4379, 31.6463, 34.6606



6.8158, 6.7193, 7.8813



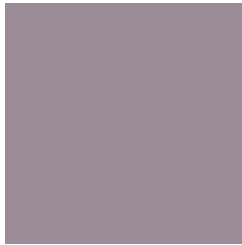
13.5056, 6.7068, 12.1796



0.2596, 0.1272, 0.3130

Previews

White Background



This preview shows how the XYZ color 28.6743, 28.0585, 33.1827 looks on a white background.

Color Contrast Check

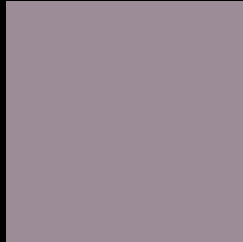
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6743, 28.0585, 33.1827 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

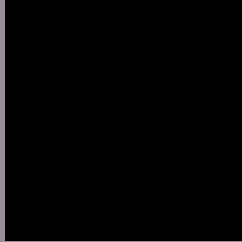
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.6743, 28.0585, 33.1827

Background



This preview shows how black text looks on a background with the XYZ color 28.6743, 28.0585, 33.1827.



This preview shows how white text looks on a background with the XYZ color 28.6743, 28.0585,

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

28.6743, 28.0585, 33.1827

Protanopia

27.4001, 28.2662, 34.1488

Deuteranopia

28.6743, 28.0585, 33.1827



Tritanopia

28.6743, 28.0585, 33.1827

Trichromacy



Original Color

28.6743, 28.0585, 33.1827

Protanomaly

27.8844, 28.3015, 33.6988

Deuteranomaly

28.6743, 28.0585, 33.1827

Tritanomaly

28.6743, 28.0585, 33.1827

Monochromacy



Original Color

28.6743, 28.0585, 33.1827

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

27.8962, 28.5687, 32.0610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6743, 28.0585, 33.1827 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, 140, 151)` looks like.

```
.text, #text, p{  
    color:rgb(156, 140, 151)  
}
```

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, 140, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 140, 151) }
```

Border

The CSS property to change the border of an element to XYZ 28.6743, 28.0585, 33.1827 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, 140, 151) }
```


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

```
.border{ border-color:rgb(156, 140, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 140, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 140, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 140, 151);  
box-shadow:4px 4px 4px 4px rgb(156, 140,  
151) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6743, 28.0585, 33.1827 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 140, 151) }
```

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

```
.background{ background-color: rgb(156,  
140, 151) }
```

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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