

Converting Colors

XYZ(28.6707, 27.5035, 29.8139)

Have a look what the booklet for
XYZ(28.6707, 27.5035, 29.8139)
contains.

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Color

**XYZ(28.6015, 27.4516,
29.7778)**

Conversions

Conversions Part 1

Format	Color
Hex	A1898F
RGB	161, 137, 143
RGB Percent	63%, 54%, 56%
CMY	0.3686, 0.4627, 0.4392
CMYK	0.00, 0.15, 0.11, 0.37
HSL	345°, 11%, 58%
HSV	345°, 15%, 63%
XYZ	28.6015, 27.4516, 29.7778
YIQ	144.8600, 12.3780, 6.9540

Conversions

Conversions Part 2

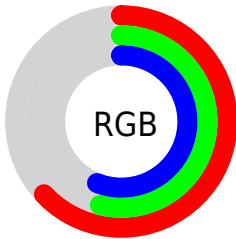
Format	Color
R_{YB}	161, 137, 143
Decimal	10586511
CIE Lab	59.39, 10.10, 0.16
CIE LCh	59, 10.102, 0.925
Yxy	27.4516, 0.3332, 0.3198
Android (android.graphics.Color)	4288776591 (0xFFA1898F)
YUV	144.8600, -0.9170, 14.1548
Hunter-Lab	52.3943, 5.7513, 2.9791

Details

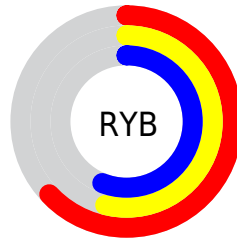
The XYZ color **28.6015, 27.4516, 29.7778** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **28.9789, 33.1753, 35.8881**, and the grayscale version is **26.8576, 28.2562, 30.7710**.

A 20% lighter version of the original color is **56.8104, 55.4571, 60.5334**, and **11.6907, 10.8579, 11.8355** is the 20% darker color. If you saturate the color by 10%, you get **25.6154, 22.8652, 24.5092**, and if you desaturate by 10%, it is **32.0292, 32.7629, 35.6802**.

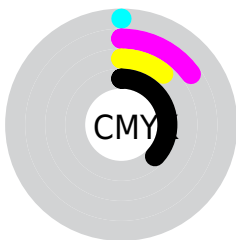
Distribution



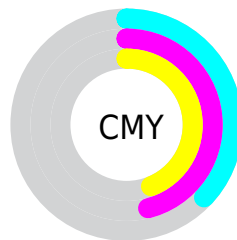
- Red (63%)
- Green (54%)
- Blue (56%)



- Red (63%)
- Yellow (54%)
- Blue (56%)



- Cyan (0%)
- Magenta (15%)
- Yellow (11%)
- Black (37%)



- Cyan (37%)
- Magenta (46%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6015, 27.4516, 29.7778 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 28.6015, 27.4516, 29.7778 by changing the saturation by 10% instead.

■ 28.6015, 27.4516,
29.7778

■ 28.6015, 27.4516,
29.7778

287.3583,
289.8371, 315.0424

■ 18.9223, 17.9127,
19.4194

■ 56.8453, 55.6077,
60.3675

■ 11.7178, 10.8873,
11.7938

■ 76.1406, 74.9937,
81.4358

■ 6.6227, 5.9911,
6.4826

■ 99.3721, 98.4308,
106.9111

■ 3.2715, 2.8397,
3.0672

126.9050,
126.3034, 137.2120

■ 1.2989, 1.0486,
1.1291

159.1047,
158.9959, 172.7571

■ 0.1824, 0.0000,
0.0000

196.3366,

■ 0.0000, 0.0000,

196.8928, 213.9648

0.0000

238.9660,
240.3784, 261.2537

■ 28.6015, 27.4516,
29.7778

■ 28.6015, 27.4516,
29.7778

■ 25.6154, 22.8652,
24.5092

■ 32.0292, 32.7629,
35.6802

■ 23.0503, 18.9687,
19.8513

■ 35.9133, 38.8248,
42.2351

■ 20.8876, 15.7294,
15.7820

■ 40.2708, 45.6665,
49.4623

■ 19.1063, 13.1110,
12.2775

■ 45.1169, 53.3143,
57.3805

■ 17.6834, 11.0732,
9.3118

■ 50.4664, 61.7934,
66.0075

■ 16.5932, 9.5711,
6.8572

■ 56.3334, 71.1278,
75.3606

■ 15.8066, 8.5532,
4.8831

■ 62.7313, 81.3406,
85.4563

■ 15.2879, 7.9555,
3.3549

■ 66.1289, 85.3654,
95.1293

■ 15.0850, 7.7319,
2.7258

■ 67.9797, 86.1058,
104.8755

Harmonies

Analogous

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



28.2770, 27.4516, 33.4064



28.6015, 27.4516, 29.7778



28.2356, 27.4516, 26.4497

Triad

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



28.6015, 27.4516, 29.7778



24.8612, 27.4516, 24.3013



24.9271, 27.4516, 36.4043

Complementary

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



28.6015, 27.4516, 29.7778



28.9789, 33.1753, 35.8881

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.



24.0596, 27.4516, 33.6167



28.6015, 27.4516, 29.7778



24.0224, 27.4516, 26.6296

Square

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



28.6015, 27.4516, 29.7778



26.0527, 27.4516, 23.4492



23.7336, 27.4516, 30.0027



26.1312, 27.4516, 37.4141

Rectangle

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



28.6015, 27.4516, 29.7778



27.6561, 27.4516, 24.7996



23.7336, 27.4516, 30.0027



24.5879, 27.4516, 35.6335

Sweetspot

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



28.6023, 27.4528, 29.7784



57.9067, 59.5237, 64.8286



28.8971, 27.4344, 37.4907



12.5962, 12.8933, 14.0416



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.



28.6023, 27.4528, 29.7784



49.3001, 46.2013, 49.9643



29.0366, 29.0293, 27.7413



7.1430, 7.1137, 7.7395



12.0622, 6.1809, 2.2524



0.2711, 0.1369, 0.1402

Inverse Universe

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



28.6023, 27.4528, 29.7784



49.3001, 46.2013, 49.9643



28.4718, 31.3351, 38.2660



7.1430, 7.1137, 7.7395



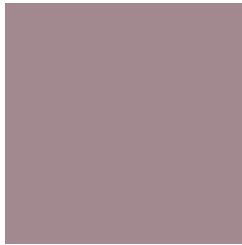
12.0622, 6.1809, 2.2524



0.2711, 0.1369, 0.1402

Previews

White Background



This preview shows how the XYZ color 28.6015, 27.4516, 29.7778 looks on a white background.

Color Contrast Check

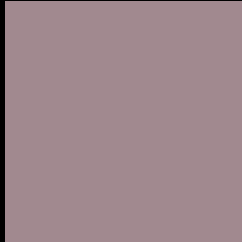
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6015, 27.4516, 29.7778 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

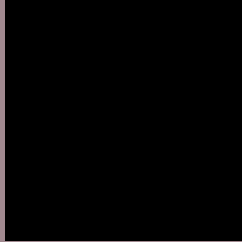
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.6015, 27.4516, 29.7778

Background



This preview shows how black text looks on a background with the XYZ color 28.6015, 27.4516, 29.7778.



This preview shows how white text looks on a background with the XYZ color 28.6015, 27.4516,

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

28.6015, 27.4516, 29.7778

Protanopia

26.5384, 27.4411, 31.0921

Deuteranopia

28.0952, 27.6165, 29.8363



Tritanopia

28.9709, 27.3963, 31.3648

Trichromacy



Original Color

28.6015, 27.4516, 29.7778

Protanomaly

27.2514, 27.3798, 30.6366

Deuteranomaly

28.1470, 27.4292, 29.7975

Tritanomaly

28.8928, 27.3650, 30.9533

Monochromacy



Original Color

28.6015, 27.4516, 29.7778

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.4695, 27.9389, 30.3305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6015, 27.4516, 29.7778 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(161, 137, 143)` looks like.

```
.text, #text, p{  
    color:rgb(161, 137, 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(161, 137, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 137, 143) }
```

Border

The CSS property to change the border of an element to XYZ 28.6015, 27.4516, 29.7778 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(161, 137, 143) }
```


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

```
.border{ border-color:rgb(161, 137, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 137, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 137, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 137, 143);  
box-shadow:4px 4px 4px 4px rgb(161, 137,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6015, 27.4516, 29.7778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 137, 143) }
```

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

```
.background{ background-color: rgb(161,  
137, 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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