

Converting Colors

XYZ(28.6017, 28.9594, 30.8703)

Have a look what the booklet for
XYZ(28.6017, 28.9594, 30.8703)
contains.

XYZ(28.6017, 28.9594, 30.8703)	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(28.6017, 28.9594,
30.8703)**

Conversions

Conversions Part 1

Format	Color
Hex	9B9091
RGB	155, 144, 145
RGB Percent	61%, 56%, 57%
CMY	0.3922, 0.4353, 0.4314
CMYK	0.00, 0.07, 0.06, 0.39
HSL	355°, 5%, 59%
HSV	355°, 7%, 61%
XYZ	28.6017, 28.9594, 30.8703
YIQ	147.4030, 6.2350, 2.6430

Conversions

Conversions Part 2

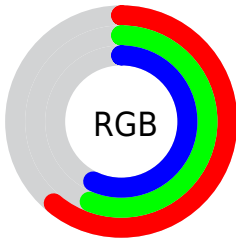
Format	Color
R _Y B	155, 144, 145
Decimal	10195089
CIE Lab	60.75, 4.26, 0.93
CIE LCh	61, 4.359, 12.345
Yxy	28.9594, 0.3234, 0.3275
Android (android.graphics.Color)	4288385169 (0xFF9B9091)
YUV	147.4030, -1.1847, 6.6626
Hunter-Lab	53.8139, 0.6970, 3.6581

Details

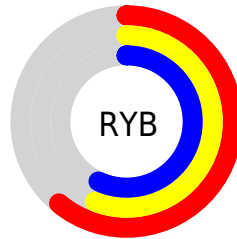
The XYZ color **28.6017, 28.9594, 30.8703** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.0568, 31.7059, 35.1619**, and the grayscale version is **27.9037, 29.3568, 31.9696**.

A 20% lighter version of the original color is **56.7974, 58.0670, 62.2473**, and **11.7772, 11.7747, 12.4785** is the 20% darker color. If you saturate the color by 10%, you get **25.3932, 24.1749, 24.7674**, and if you desaturate by 10%, it is **32.2690, 34.4451, 37.7921**.

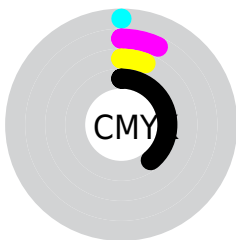
Distribution



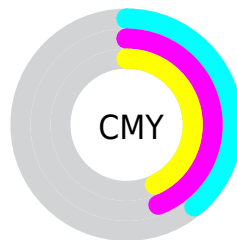
- Red (61%)
- Green (56%)
- Blue (57%)



- Red (61%)
- Yellow (56%)
- Blue (57%)



- Cyan (0%)
- Magenta (7%)
- Yellow (6%)
- Black (39%)



- Cyan (39%)
- Magenta (44%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6017, 28.9594, 30.8703 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 28.6017, 28.9594, 30.8703 by changing the saturation by 10% instead.

■ 28.6017, 28.9594,
30.8703

■ 28.6017, 28.9594,
30.8703

287.3592,
297.0234, 320.2730

■ 18.9225, 19.0501,
20.2425

■ 56.8456, 58.0126,
62.1130

■ 11.7180, 11.7065,
12.3856

■ 76.1410, 77.9252,
83.5649

■ 6.6228, 6.5442,
6.8811

99.3725, 101.9412,
109.4620

■ 3.2715, 3.1787,
3.3106

126.9055,
130.4447, 140.2227

■ 1.2989, 1.2257,
1.2553

159.1053,
163.8203, 176.2657

■ 0.1824, 0.0826,
0.0247

196.3373,

■ 0.0000, 0.0000,

202.4524, 218.0093

0.0000

238.9668,
246.7253, 265.8723

■ 28.6017, 28.9594,
30.8703

■ 28.6017, 28.9594,
30.8703

■ 25.3932, 24.1749,
24.7674

■ 32.2690, 34.4451,
37.7921

■ 22.6231, 20.0596,
19.4513

■ 36.4097, 40.6546,
45.5597

■ 20.2732, 16.5850,
14.8905

■ 41.0407, 47.6143,
54.2008

■ 18.3227, 13.7187,
11.0507

■ 46.1773, 55.3482,
63.7417

■ 16.7495, 11.4257,
7.8950

■ 51.8342, 63.8789,
74.2071

■ 15.5289, 9.6674,
5.3830

■ 58.0255, 73.2285,
85.6211

■ 14.6336, 8.4005,
3.4702

■ 64.7647, 83.4179,
98.0069

■ 14.0321, 7.5747,
2.1066

■ 67.3278, 85.7087,
107.6026

■ 13.6771, 7.1106,
1.2304

Harmonies

Analogous

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



28.5749, 28.9594, 32.4864



28.6017, 28.9594, 30.8703



28.3371, 28.9594, 29.4791

Triad

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



28.6017, 28.9594, 30.8703



26.7986, 28.9594, 29.2843



27.1964, 28.9594, 34.5955

Complementary

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



28.6017, 28.9594, 30.8703



29.0568, 31.7059, 35.1619

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.



26.7287, 28.9594, 33.6778



28.6017, 28.9594, 30.8703



26.5012, 28.9594, 30.5962

Square

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



28.6017, 28.9594, 30.8703



27.2931, 28.9594, 28.5847



26.4757, 28.9594, 32.2028



27.7583, 28.9594, 34.6750

Rectangle

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



28.6017, 28.9594, 30.8703



28.0332, 28.9594, 28.8514



26.4757, 28.9594, 32.2028



27.0231, 28.9594, 34.3734

Sweetspot

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



28.6025, 28.9607, 30.8709



54.4390, 56.6713, 61.3664



29.1980, 29.1746, 35.1032



12.3401, 12.8544, 13.9242



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.



28.6025, 28.9607, 30.8709



49.9611, 49.9801, 52.8928



29.2053, 30.2888, 30.6941



6.2304, 6.2313, 6.5935



10.9282, 5.6255, 0.8812



0.1687, 0.0862, 0.0410

Inverse Universe

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



28.6025, 28.9607, 30.8709



49.9611, 49.9801, 52.8928



28.4214, 30.3016, 35.3617



6.2304, 6.2313, 6.5935



10.9282, 5.6255, 0.8812



0.1687, 0.0862, 0.0410

Previews

White Background



This preview shows how the XYZ color 28.6017, 28.9594, 30.8703 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 28.6017, 28.9594, 30.8703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

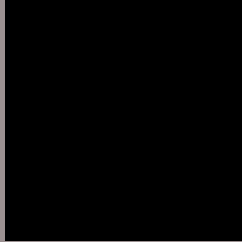
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.6017, 28.9594, 30.8703

Background



This preview shows how black text looks on a background with the XYZ color 28.6017, 28.9594, 30.8703.



This preview shows how white text looks on a background with the XYZ color 28.6017, 28.9594,

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

28.6017, 28.9594, 30.8703

Protanopia

27.8616, 29.0227, 31.3276

Deuteranopia

29.4818, 28.9674, 30.8255



Tritanopia

29.3655, 29.0459, 34.6305

Trichromacy



Original Color

28.6017, 28.9594, 30.8703

Protanomaly

28.0762, 28.9054, 31.2937

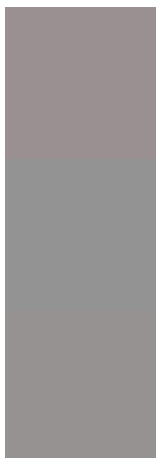
Deuteranomaly

29.2314, 29.0602, 30.8566

Tritanomaly

29.1187, 28.9472, 33.3308

Monochromacy



Original Color

28.6017, 28.9594, 30.8703

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.0449, 29.1171, 31.3362

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6017, 28.9594, 30.8703 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(155, 144, 145)` looks like.

```
.text, #text, p{  
    color:rgb(155, 144, 145)  
}
```

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(155, 144, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 144, 145) }
```

Border

The CSS property to change the border of an element to XYZ 28.6017, 28.9594, 30.8703 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(155, 144, 145) }
```


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

```
.border{ border-color:rgb(155, 144, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 144, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 144, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 144, 145);  
box-shadow:4px 4px 4px 4px rgb(155, 144,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6017, 28.9594, 30.8703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 144, 145) }
```

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

```
.background{ background-color: rgb(155,  
144, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor