

Converting Colors

XYZ(28.2854, 28.6818, 25.8751)

Have a look what the booklet for
XYZ(28.2854, 28.6818, 25.8751)
contains.

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Color

**XYZ(28.2854, 28.6818,
25.8751)**

Conversions

Conversions Part 1

Format	Color
Hex	9F8F84
RGB	159, 143, 132
RGB Percent	62%, 56%, 52%
CMY	0.3765, 0.4392, 0.4823
CMYK	0.00, 0.10, 0.17, 0.38
HSL	24°, 12%, 57%
HSV	24°, 17%, 62%
XYZ	28.2854, 28.6818, 25.8751
YIQ	146.5300, 13.0670, -0.0290

Conversions

Conversions Part 2

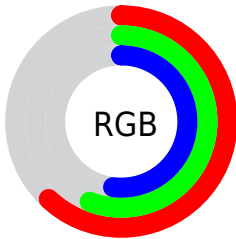
Format	Color
R_{YB}	159, 151, 132
Decimal	10456964
CIE _{Lab}	60.50, 4.08, 8.02
CIE _{LCh}	60, 8.993, 63.030
Yxy	28.6818, 0.3414, 0.3462
Android (android.graphics.Color)	4288647044 (0xFF9F8F84)
YUV	146.5300, -7.1633, 10.9362
Hunter-Lab	53.5554, 0.5532, 8.8430

Details

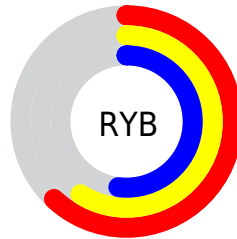
The XYZ color **28.2854, 28.6818, 25.8751** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.3635, 28.5879, 36.9297**, and the grayscale version is **27.5647, 29.0002, 31.5813**.

A 20% lighter version of the original color is **56.4548, 57.7314, 54.0667**, and **11.5391, 11.5790, 9.8104** is the 20% darker color. If you saturate the color by 10%, you get **25.9241, 25.5696, 20.1229**, and if you desaturate by 10%, it is **30.9329, 32.1005, 32.5416**.

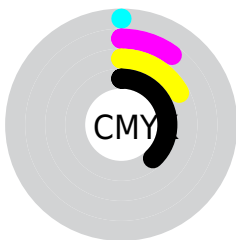
Distribution



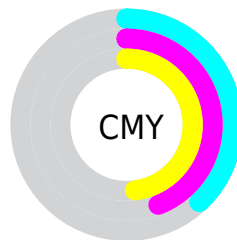
- Red (62%)
- Green (56%)
- Blue (52%)



- Red (62%)
- Yellow (59%)
- Blue (52%)



- Cyan (0%)
- Magenta (10%)
- Yellow (17%)
- Black (38%)





- Cyan (38%)
- Magenta (44%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.2854, 28.6818, 25.8751 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 28.2854, 28.6818, 25.8751 by changing the saturation by 10% instead.


 28.2854, 28.6818,
25.8751


 28.2854, 28.6818,
25.8751


285.8836,
295.7106, 295.7544


 18.6825, 18.8402,
16.5053


 56.3452, 57.5711,
54.0550

 11.5437, 11.5549,
9.7242


 75.5328, 77.3877,
73.7022

 6.5038, 6.4414,
5.1133


 98.6461, 101.2981,
97.6122

 3.1973, 3.1153,
2.2540

126.0502,
129.6866, 126.2036

 1.2589, 1.1922,
0.7053

158.1107,
162.9378, 159.8950

 0.1522, 0.0553,
0.0000

195.1929,

 0.0000, 0.0000,

201.4359, 199.1049

0.0000

237.6620,
245.5654, 244.2519

■ 28.2854, 28.6818,
25.8751

■ 28.2854, 28.6818,
25.8751

■ 25.9241, 25.5696,
20.1229

■ 30.9329, 32.1005,
32.5416

■ 23.8363, 22.7512,
15.2428

■ 33.8741, 35.8301,
40.1584

■ 22.0117, 20.2187,
11.1919

■ 37.1190, 39.8802,
48.7619

■ 20.4383, 17.9622,
7.9230

■ 40.6767, 44.2584,
58.3857

■ 19.1033, 15.9713,
5.3842

■ 44.5554, 48.9721,
69.0623

■ 17.9923, 14.2348,
3.5169

■ 48.7635, 54.0287,
80.8223

■ 17.0890, 12.7404,
2.2534

■ 53.3088, 59.4351,
93.6953

■ 16.3700, 11.4724,
1.4895

■ 57.5149, 64.9244,
104.1080

■ 16.1768, 11.1283,
1.2954

■ 60.0332, 69.9609,
104.9475

Harmonies

Analogous

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



29.1744, 28.6818, 27.8753



28.2854, 28.6818, 25.8751



27.1435, 28.6818, 25.2748

Triad

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



28.2854, 28.6818, 25.8751



25.0938, 28.6818, 31.5685



28.4952, 28.6818, 36.8975

Complementary

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



28.2854, 28.6818, 25.8751



26.3635, 28.5879, 36.9297

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.



27.3793, 28.6818, 38.0532



28.2854, 28.6818, 25.8751



25.4335, 28.6818, 34.8427

Square

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



28.2854, 28.6818, 25.8751



25.3211, 28.6818, 28.4210



26.2620, 28.6818, 37.2761



29.2979, 28.6818, 34.2174

Rectangle

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



28.2854, 28.6818, 25.8751



26.3978, 28.6818, 25.7117



26.2620, 28.6818, 37.2761



28.1432, 28.6818, 37.4854

Sweetspot

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



28.2862, 28.6831, 25.8757



56.3500, 58.7049, 60.7187



27.9108, 26.0183, 31.6513



12.6282, 13.1382, 13.4943



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.



28.2862, 28.6831, 25.8757



49.1633, 49.4126, 42.6584



30.4021, 32.9149, 26.5810



6.8439, 7.0678, 6.9892



12.8160, 8.8676, 1.0361



0.2696, 0.2394, 0.0320

Inverse Universe

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



26.3635, 28.5879, 36.9297



45.1264, 49.2117, 65.8638



24.3962, 24.6535, 36.2739



6.5949, 7.0556, 8.4210



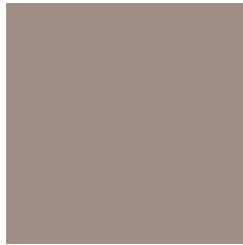
8.1603, 8.4122, 27.1008



0.1868, 0.2321, 0.4982

Previews

White Background



This preview shows how the XYZ color 28.2854, 28.6818, 25.8751 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 28.2854, 28.6818, 25.8751 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

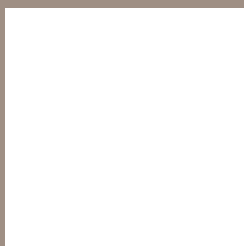
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2854, 28.6818, 25.8751

Background



This preview shows how black text looks on a background with the XYZ color 28.2854, 28.6818, 25.8751.



This preview shows how white text looks on a background with the XYZ color 28.2854, 28.6818,

25.8751.

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

28.2854, 28.6818, 25.8751

Protanopia

27.3079, 28.6197, 26.2752

Deuteranopia

29.2068, 28.7150, 25.8330



Tritanopia

29.6619, 28.5676, 33.2289

Trichromacy



Original Color

28.2854, 28.6818, 25.8751

Protanomaly

27.7245, 28.6085, 26.2511

Deuteranomaly

28.9421, 28.7985, 25.8630

Tritanomaly

29.0561, 28.5370, 30.3623

Monochromacy



Original Color

28.2854, 28.6818, 25.8751

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.9239, 29.0901, 29.7344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2854, 28.6818, 25.8751 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, 143, 132) looks like.

```
.text, #text, p{  
    color:rgb(159, 143, 132)  
}
```

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, 143, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 143, 132) }
```

Border

The CSS property to change the border of an element to XYZ 28.2854, 28.6818, 25.8751 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, 143, 132) }
```


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

```
.border{ border-color:rgb(159, 143, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 143, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 143, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 143, 132);  
box-shadow:4px 4px 4px 4px rgb(159, 143,  
132) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2854, 28.6818, 25.8751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 143, 132) }
```

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

```
.background{ background-color: rgb(159,  
143, 132) }
```

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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