

Converting Colors

XYZ(27.9164, 26.3857, 26.3062)

Have a look what the booklet for
XYZ(27.9164, 26.3857, 26.3062)
contains.

XYZ(27.7949, 26.2828, 26.1624)	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(27.7949, 26.2828,
26.1624)**

Conversions

Conversions Part 1

Format	Color
Hex	A38586
RGB	163, 133, 134
RGB Percent	64%, 52%, 53%
CMY	0.3608, 0.4784, 0.4745
CMYK	0.00, 0.18, 0.18, 0.36
HSL	358°, 14%, 58%
HSV	358°, 18%, 64%
XYZ	27.7949, 26.2828, 26.1624
YIQ	142.0840, 17.5590, 6.6710

Conversions

Conversions Part 2

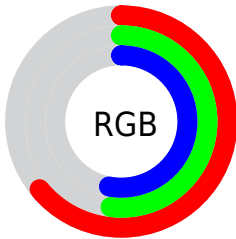
Format	Color
R _Y B	163, 133, 134
Decimal	10716550
CIE Lab	58.30, 11.60, 3.77
CIE LCh	58, 12.199, 18.020
Yxy	26.2828, 0.3464, 0.3276
Android (android.graphics.Color)	4288906630 (0xFFA38586)
YUV	142.0840, -3.9854, 18.3433
Hunter-Lab	51.2668, 7.0591, 5.6299

Details

The XYZ color **27.7949, 26.2828, 26.1624** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.2927, 33.7903, 39.1624**, and the grayscale version is **25.7554, 27.0967, 29.5083**.

A 20% lighter version of the original color is **55.4420, 53.6111, 54.4396**, and **11.2490, 10.2061, 9.7646** is the 20% darker color. If you saturate the color by 10%, you get **24.7157, 21.7541, 20.1116**, and if you desaturate by 10%, it is **31.3857, 31.5721, 33.1924**.

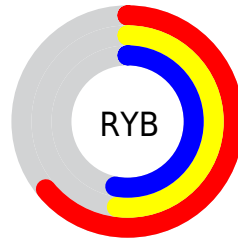
Distribution



Red (64%)

Green (52%)

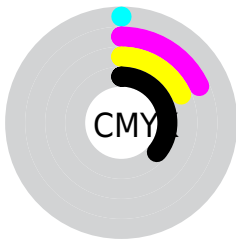
Blue (53%)



Red (64%)

Yellow (52%)

Blue (53%)

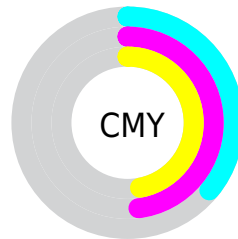


Cyan (0%)

Magenta (18%)

Yellow (18%)

Black (36%)



Cyan (36%)

Magenta (48%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.7949, 26.2828, 26.1624 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 27.7949, 26.2828, 26.1624 by changing the saturation by 10% instead.

■ 27.7949, 26.2828,
26.1624

■ 27.7949, 26.2828,
26.1624

283.5835,
284.1676, 297.2092

■ 18.3108, 17.0353,
16.7183

■ 55.5678, 53.7308,
54.5241

■ 11.2744, 10.2597,
9.8740

■ 74.5872, 72.7002,
74.2788

■ 6.3203, 5.5715,
5.2110

■ 97.5158, 95.6789,
98.3075

■ 3.0833, 2.5863,
2.3107

124.7189,
123.0514, 127.0287

■ 1.1980, 0.9198,
0.7372

156.5619,
155.2022, 160.8609

■ 0.1048, 0.0000,
0.0000

193.4100,

■ 0.0000, 0.0000,

192.5155, 200.2227

0.0000

235.6288,
235.3759, 245.5326

■ 27.7949, 26.2828,
26.1624

■ 27.7949, 26.2828,
26.1624

■ 24.7157, 21.7541,
20.1116

■ 31.3857, 31.5721,
33.1924

■ 22.1228, 17.9475,
14.9949

■ 35.5075, 37.6508,
41.2406

■ 19.9919, 14.8270,
10.7665

■ 40.1816, 44.5508,
50.3459

■ 18.2960, 12.3517,
7.3757

■ 45.4272, 52.3010,
60.5446

■ 17.0050, 10.4764,
4.7667

■ 51.2627, 60.9290,
71.8712

■ 16.0852, 9.1502,
2.8773

■ 57.7058, 70.4610,
84.3590

■ 15.4974, 8.3138,
1.6354

■ 64.7732, 80.9225,
98.0396

■ 15.1762, 7.8605,
0.9452

■ 68.9144, 86.5266,
107.6769

■ 15.1341, 7.7985,
0.8632

Harmonies

Analogous

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



27.8786, 26.2828, 30.3481



27.7949, 26.2828, 26.1624



26.9393, 26.2828, 22.9605

Triad

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



27.7949, 26.2828, 26.1624



22.9186, 26.2828, 23.4905



24.3932, 26.2828, 37.3822

Complementary

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



27.7949, 26.2828, 26.1624



29.2927, 33.7903, 39.1624

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.



23.1200, 26.2828, 35.1348



27.7949, 26.2828, 26.1624



22.2915, 26.2828, 26.9540

Square

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



27.7949, 26.2828, 26.1624



24.1084, 26.2828, 21.5264



22.3638, 26.2828, 31.2216



25.8745, 26.2828, 37.1165

Rectangle

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



27.7949, 26.2828, 26.1624



26.0647, 26.2828, 21.6866



22.3638, 26.2828, 31.2216



23.9278, 26.2828, 36.8871

Sweetspot

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



27.7956, 26.2840, 26.1629



57.8149, 58.9103, 62.5839



29.8995, 27.1020, 38.3060



12.8877, 13.0876, 13.8660



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.



27.7956, 26.2840, 26.1629



47.4627, 43.6633, 42.3088



29.7724, 30.3484, 26.4803



7.0829, 7.0896, 7.4228



11.7653, 6.0622, 0.6888



0.2499, 0.1285, 0.0287

Inverse Universe

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



27.7956, 26.2840, 26.1629



47.4627, 43.6633, 42.3088



27.0322, 29.1268, 38.8480



7.0829, 7.0896, 7.4228



11.7653, 6.0622, 0.6888



0.2499, 0.1285, 0.0287

Previews

White Background



This preview shows how the XYZ color 27.7949, 26.2828, 26.1624 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 27.7949, 26.2828, 26.1624 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 27.7949, 26.2828, 26.1624

Background



This preview shows how black text looks on a background with the XYZ color 27.7949, 26.2828, 26.1624.



This preview shows how white text looks on a background with the XYZ color 27.7949, 26.2828,

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

27.7949, 26.2828, 26.1624

Protanopia

25.2932, 26.4308, 27.8133

Deuteranopia

26.8175, 26.3975, 26.2360



Tritanopia

28.4436, 26.3480, 29.1777

Trichromacy



Original Color

27.7949, 26.2828, 26.1624

Protanomaly

26.0387, 26.1815, 27.3481

Deuteranomaly

27.2651, 26.4201, 26.2168

Tritanomaly

28.2213, 26.2591, 28.0072

Monochromacy



Original Color

27.7949, 26.2828, 26.1624

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.4705, 26.8133, 28.2064

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.7949, 26.2828, 26.1624 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, 133, 134)` looks like.

```
.text, #text, p{  
    color:rgb(163, 133, 134)  
}
```

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, 133, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 133, 134) }
```

Border

The CSS property to change the border of an element to XYZ 27.7949, 26.2828, 26.1624 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, 133, 134) }
```


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

```
.border{ border-color:rgb(163, 133, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 133, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 133, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 133, 134);  
box-shadow:4px 4px 4px 4px rgb(163, 133,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 27.7949, 26.2828, 26.1624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 133, 134) }
```

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

```
.background{ background-color: rgb(163,  
133, 134) }
```

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