

Converting Colors

XYZ(29.2851, 28.0842, 7.6187)

Have a look what the booklet for
XYZ(29.2851, 28.0842, 7.6187)
contains.

XYZ(29.2851, 28.0842, 7.6187)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	28
CSS Examples	31

Color

**XYZ(29.2851, 28.0842,
7.6187)**

Conversions

Conversions Part 1

Format	Color
Hex	B88838
RGB	184, 136, 56
RGB Percent	72%, 53%, 22%
CMY	0.2784, 0.4666, 0.7804
CMYK	0.00, 0.26, 0.70, 0.28
HSL	38°, 53%, 47%
HSV	38°, 70%, 72%
XYZ	29.2851, 28.0842, 7.6187
YIQ	141.2320, 54.2880, -14.7040

Conversions

Conversions Part 2

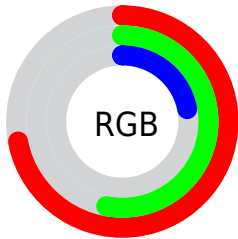
Format	Color
RYB	133, 184, 56
Decimal	12093496
CIELab	59.96, 10.27, 48.56
CIElCh	60, 49.634, 78.056
Yxy	28.0842, 0.4506, 0.4321
Android (android.graphics.Color)	4290283576 (0xFFB88838)
YUV	141.2320, -42.0194, 37.5075
Hunter-Lab	52.9945, 5.8998, 28.5724

Details

The XYZ color **29.2851, 28.0842, 7.6187** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **15.2326, 14.2014, 47.2853**, and the grayscale version is **25.5541, 26.8849, 29.2777**.

A 20% lighter version of the original color is **57.8136, 56.5114, 21.7706**, and **12.0802, 11.1676, 1.5189** is the 20% darker color. If you saturate the color by 10%, you get **27.9747, 26.0561, 5.3552**, and if you desaturate by 10%, it is **30.8248, 30.3064, 10.7750**.

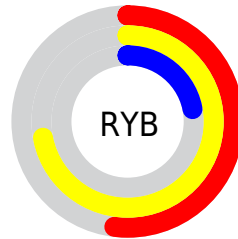
Distribution



Red (72%)

Green (53%)

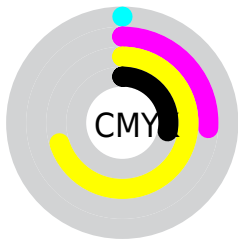
Blue (22%)



Red (52%)

Yellow (72%)

Blue (22%)

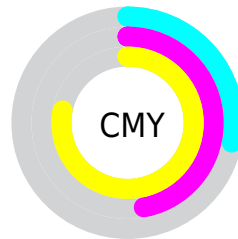


Cyan (0%)

Magenta (26%)

Yellow (70%)

Black (28%)



Cyan (28%)


Magenta (47%)


Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 29.2851, 28.0842, 7.6187 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 29.2851, 28.0842, 7.6187 by changing the saturation by 10% instead.


 29.2851, 28.0842,
7.6187


 29.2851, 28.0842,
7.6187


290.5278,
292.8690, 182.5314


 19.4420, 18.3891,
3.7677


 57.9242, 56.6188,
21.7412

 12.0960, 11.2297,
1.4988


 77.4508, 76.2272,
32.8497


 6.8817, 6.2216,
0.2170


 100.9360, 99.9088,
47.2145

 3.4339, 2.9803,
0.0000

 128.7451,
128.0480, 65.2541

 1.3872, 1.1214,
0.0000

 161.2435,
161.0293, 87.3871

 0.2471, 0.0000,
0.0000

 198.7965,

 0.0000, 0.0000,

199.2369, 114.0319

0.0000

241.7695,
243.0554, 145.6072

■ 29.2851, 28.0842,
7.6187

■ 29.2851, 28.0842,
7.6187

■ 27.9747, 26.0561,
5.3552

■ 30.8248, 30.3064,
10.7750

■ 26.8712, 24.2078,
3.8815

■ 32.6091, 32.7272,
14.9084

■ 25.9372, 22.5237,
3.0035

■ 34.6542, 35.3560,
20.0953

■ 25.8984, 22.4532,
2.9689

■ 36.9740, 38.2001,
26.4040

■ 39.5814, 41.2663,
33.8969

■ 42.4883, 44.5611,
42.6319

■ 45.7060, 48.0905,
52.6629

■ 49.2449, 51.8604,
64.0407

■ 53.1152, 55.8762,
76.8135

Harmonies

Analogous

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



35.6567, 28.0842, 11.3249



29.2851, 28.0842, 7.6187



23.1049, 28.0842, 8.0049

Triad

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



29.2851, 28.0842, 7.6187



16.7355, 28.0842, 42.6690



36.7782, 28.0842, 60.1988

Complementary

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



29.2851, 28.0842, 7.6187



15.2326, 14.2014, 47.2853

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.



30.6350, 28.0842, 76.9706



29.2851, 28.0842, 7.6187



19.3738, 28.0842, 64.4099

Square

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



29.2851, 28.0842, 7.6187



16.4914, 28.0842, 23.9335



24.2589, 28.0842, 78.7593



40.4175, 28.0842, 38.3529

Rectangle

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



29.2851, 28.0842, 7.6187



19.8879, 28.0842, 10.5607



24.2589, 28.0842, 78.7593



34.8968, 28.0842, 66.9338

Sweetspot

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



29.2857, 28.0856, 7.6192



70.8686, 73.7835, 58.8574



23.7346, 14.0402, 14.8420



14.9933, 15.5740, 11.8636



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.2857, 28.0856, 7.6192



49.7026, 45.5778, 8.2527



34.2306, 43.0086, 10.2390



9.4595, 9.9220, 9.5235



17.9188, 15.6140, 2.0694



0.6891, 0.6652, 0.0921

Inverse Universe

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



15.2326, 14.2014, 47.2853



22.7586, 19.0808, 84.6881



12.6598, 7.6264, 46.1518



8.7896, 9.2565, 11.4029



7.4922, 5.4441, 31.9090



0.3244, 0.3125, 1.1450

Previews

White Background



This preview shows how the XYZ color 29.2851, 28.0842, 7.6187 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 29.2851, 28.0842, 7.6187 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 29.2851, 28.0842, 7.6187

Background



This preview shows how black text looks on a background with the XYZ color 29.2851, 28.0842, 7.6187.



This preview shows how white text looks on a background with the XYZ color 29.2851, 28.0842,

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

29.2851, 28.0842, 7.6187

Protanopia

25.6128, 28.1436, 8.2200

Deuteranopia

28.6247, 28.1658, 7.6692



Tritanopia

33.4697, 28.1916, 27.3444

Trichromacy



Original Color

29.2851, 28.0842, 7.6187

Protanomaly

26.7989, 28.0865, 8.0118

Deuteranomaly

28.7155, 28.0006, 7.6326

Tritanomaly

31.5621, 28.0067, 17.9297

Monochromacy



Original Color

29.2851, 28.0842, 7.6187

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

25.9517, 26.7591, 18.5491

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2851, 28.0842, 7.6187 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(184, 136, 56)` looks like.

```
.text, #text, p{  
    color:rgb(184, 136, 56)  
}
```

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(184, 136, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 136, 56) }
```

Border

The CSS property to change the border of an element to XYZ 29.2851, 28.0842, 7.6187 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(184, 136, 56) }
```


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

```
.border{ border-color:rgb(184, 136, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 136, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 136, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 136, 56);  
box-shadow:4px 4px 4px 4px rgb(184, 136,  
56) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2851, 28.0842, 7.6187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 136, 56) }
```

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

```
.background{ background-color: rgb(184,  
136, 56) }
```

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