

Converting Colors

XYZ(28.4378, 28.9855, 8.4064)

Have a look what the booklet for
XYZ(28.4378, 28.9855, 8.4064)
contains.

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Color

**XYZ(28.3931, 28.9024,
8.3572)**

Conversions

Conversions Part 1

Format	Color
Hex	B08E3C
RGB	176, 142, 60
RGB Percent	69%, 56%, 24%
CMY	0.3098, 0.4431, 0.7647
CMYK	0.00, 0.19, 0.66, 0.31
HSL	42°, 49%, 46%
HSV	42°, 66%, 69%
XYZ	28.3931, 28.9024, 8.3572
YIQ	142.8180, 46.5860, -18.2940

Conversions

Conversions Part 2

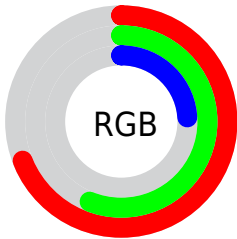
Format	Color
R_{YB}	108, 176, 60
Decimal	11570748
CIE _{Lab}	60.70, 3.66, 47.24
CIE _{LCh}	61, 47.379, 85.571
Yxy	28.9024, 0.4325, 0.4402
Android (android.graphics.Color)	4289760828 (0xFFB08E3C)
YUV	142.8180, -40.8293, 29.1006
Hunter-Lab	53.7610, 0.1906, 28.4160

Details

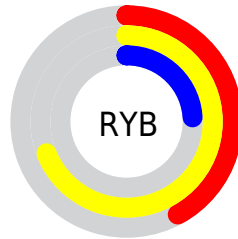
The XYZ color **28.3931, 28.9024, 8.3572** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **13.7024, 12.1001, 42.6873**, and the grayscale version is **26.1812, 27.5446, 29.9961**.

A 20% lighter version of the original color is **56.3160, 57.6703, 23.2022**, and **11.5948, 11.6561, 1.7536** is the 20% darker color. If you saturate the color by 10%, you get **27.2535, 27.2480, 6.0514**, and if you desaturate by 10%, it is **29.7243, 30.6925, 11.4908**.

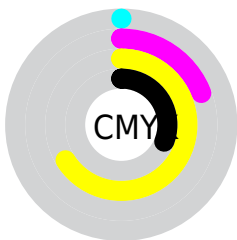
Distribution



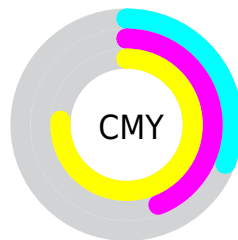
- Red (69%)
- Green (56%)
- Blue (24%)



- Red (42%)
- Yellow (69%)
- Blue (24%)



- Cyan (0%)
- Magenta (19%)
- Yellow (66%)
- Black (31%)





- Cyan (31%)
- Magenta (44%)
- Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 28.3931, 28.9024, 8.3572 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 28.3931, 28.9024, 8.3572 by changing the saturation by 10% instead.


 28.3931, 28.9024,
8.3572


 28.3931, 28.9024,
8.3572


286.3867,
296.7542, 188.5455


 18.7642, 19.0070,
4.2333


 56.5157, 57.9220,
23.2134


 11.6030, 11.6753,
1.7542


 75.7401, 77.8150,
34.7828

 6.5442, 6.5230,
0.3975


 98.8936, 101.8092,
49.6711

 3.2225, 3.1656,
0.0000

 126.3417,
130.2892, 68.2969

 1.2725, 1.2188,
0.0000

 158.4497,
163.6393, 91.0787

 0.1625, 0.0770,
0.0000

 195.5830,

 0.0000, 0.0000,

202.2439, 118.4350

0.0000

238.1069,
246.4874, 150.7844

■ 28.3931, 28.9024,
8.3572

■ 28.3931, 28.9024,
8.3572

■ 27.2535, 27.2480,
6.0514

■ 29.7243, 30.6925,
11.4908

■ 26.2869, 25.7177,
4.4871

■ 31.2595, 32.6207,
15.5236

■ 25.4728, 24.3038,
3.5554

■ 33.0120, 34.6941,
20.5212

■ 25.1648, 23.7510,
3.2581

■ 34.9934, 36.9180,
26.5424

■ 37.2145, 39.2976,
33.6416

■ 39.6852, 41.8375,
41.8691

■ 42.4150, 44.5420,
51.2720

■ 45.4125, 47.4154,
61.8948

■ 48.6862, 50.4617,
73.7797

Harmonies

Analogous

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



34.7046, 28.9024, 11.0020



28.3931, 28.9024, 8.3572



22.6816, 28.9024, 9.7559

Triad

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



28.3931, 28.9024, 8.3572



18.1345, 28.9024, 48.4450



38.4103, 28.9024, 54.7309

Complementary

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



28.3931, 28.9024, 8.3572



13.7024, 12.1001, 42.6873

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.



32.8909, 28.9024, 72.9080



28.3931, 28.9024, 8.3572



21.3194, 28.9024, 68.4293

Square

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



28.3931, 28.9024, 8.3572



17.2973, 28.9024, 28.9292



26.5688, 28.9024, 78.6782



41.0098, 28.9024, 34.1549

Rectangle

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



28.3931, 28.9024, 8.3572



19.8700, 28.9024, 13.2329



26.5688, 28.9024, 78.6782



36.7983, 28.9024, 61.5853

Sweetspot

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



28.3938, 28.9038, 8.3578



65.6510, 69.3209, 55.0480



21.5769, 13.2846, 12.2062



13.9906, 14.7681, 11.1750



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.3938, 28.9038, 8.3578



48.6077, 48.1499, 9.5494



29.4400, 38.1295, 10.0834



8.9825, 9.4776, 9.0085



18.5165, 17.5315, 2.4080



0.6301, 0.6466, 0.0916

Inverse Universe

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



13.7024, 12.1001, 42.6873



20.1266, 15.6896, 76.4629



13.0375, 8.2147, 41.9724



8.2382, 8.6226, 10.7364



6.6820, 4.1644, 30.5886



0.2620, 0.2346, 0.9797

Previews

White Background



This preview shows how the XYZ color 28.3931, 28.9024, 8.3572 looks on a white background.

Color Contrast Check

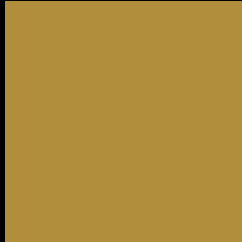
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3931, 28.9024, 8.3572 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 28.3931, 28.9024, 8.3572

Background



This preview shows how black text looks on a background with the XYZ color 28.3931, 28.9024, 8.3572.



This preview shows how white text looks on a background with the XYZ color 28.3931, 28.9024,

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

28.3931, 28.9024, 8.3572

Protanopia

26.3803, 28.9909, 8.6203

Deuteranopia

29.3663, 28.7472, 8.4159



Tritanopia

32.7130, 28.7338, 30.2076

Trichromacy



Original Color

28.3931, 28.9024, 8.3572

Protanomaly

27.1162, 28.9126, 8.5664

Deuteranomaly

29.0428, 28.7964, 8.4424

Tritanomaly

30.6072, 28.5039, 19.5114

Monochromacy



Original Color

28.3931, 28.9024, 8.3572

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

26.3207, 27.8057, 19.6026

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3931, 28.9024, 8.3572 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(176, 142, 60)` looks like.

```
.text, #text, p{  
    color:rgb(176, 142, 60)  
}
```

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(176, 142, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 142, 60) }
```

Border

The CSS property to change the border of an element to XYZ 28.3931, 28.9024, 8.3572 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(176, 142, 60) }
```


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

```
.border{ border-color:rgb(176, 142, 60) }
```

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

Here you see how a box with a 4 pixel rgb(176, 142, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 142, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 142, 60);  
box-shadow:4px 4px 4px 4px rgb(176, 142,  
60) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3931, 28.9024, 8.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 142, 60) }
```

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

```
.background{ background-color: rgb(176,  
142, 60) }
```

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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