

Converting Colors

XYZ(27.9437, 27.8934, 4.0835)

Have a look what the booklet for
XYZ(27.9437, 27.8934, 4.0835)
contains.

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Color

**XYZ(27.9437, 27.8934,
4.0835)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B48A06 |
| RGB | 180, 138, 6 |
| RGB Percent | 71%, 54%, 2% |
| CMY | 0.2941, 0.4588, 0.9764 |
| CMYK | 0.00, 0.23, 0.97, 0.29 |
| HSL | 46°, 94%, 36% |
| HSV | 46°, 97%, 71% |
| XYZ | 27.9437, 27.8934, 4.0835 |
| YIQ | 135.5100, 67.4040, -32.1480 |

Conversions

Conversions Part 2

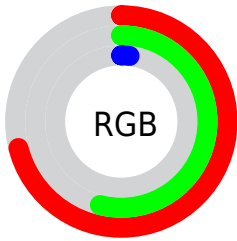
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 61, 180, 6 |
| Decimal | 11831814 |
| CIELab | 59.79, 5.78, 63.73 |
| CIELCh | 60, 63.992, 84.819 |
| Yxy | 27.8934, 0.4663, 0.4655 |
| Android (android.graphics.Color) | 4290021894 (0xFFB48A06) |
| YUV | 135.5100, -63.8484, 39.0177 |
| Hunter-Lab | 52.8142, 2.0185, 32.3857 |

Details

The XYZ color **27.9437, 27.8934, 4.0835** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **9.3706, 5.4484, 43.7373**, and the grayscale version is **23.4329, 24.6532, 26.8474**.

A 20% lighter version of the original color is **55.7686, 56.2679, 14.2248**, and **11.5984, 11.2823, 1.5664** is the 20% darker color. If you saturate the color by 10%, you get **27.7046, 27.4680, 3.8417**, and if you desaturate by 10%, it is **28.7123, 29.2194, 4.9914**.

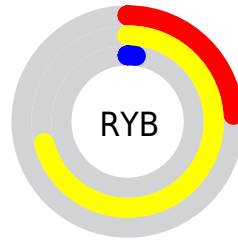
Distribution



Red (71%)

Green (54%)

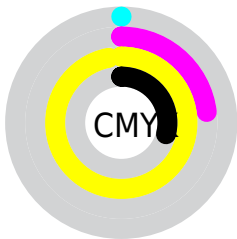
Blue (2%)



Red (24%)

Yellow (71%)

Blue (2%)

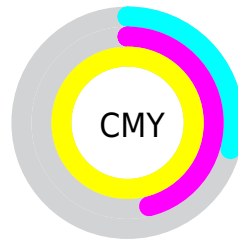


Cyan (0%)

Magenta (23%)

Yellow (97%)

Black (29%)



Cyan (29%)

Magenta (46%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.9437, 27.8934, 4.0835 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 27.9437, 27.8934, 4.0835 by changing the saturation by 10% instead.

■ 27.9437, 27.8934,
4.0835

■ 27.9437, 27.8934,
4.0835

284.2828,
291.9572, 149.1490

■ 18.4235, 18.2453,
1.6713

■ 55.8038, 56.3142,
14.2019

■ 11.3560, 11.1263,
0.3409

■ 74.8744, 75.8557,
22.7451

■ 6.3758, 6.1518,
0.0000

■ 97.8592, 99.4638,
34.1691

■ 3.1178, 2.9376,
0.0000

■ 125.1234,
127.5229, 48.8923

■ 1.2163, 1.0993,
0.0000

■ 157.0326,
160.4174, 67.3334

■ 0.1192, 0.0000,
0.0000

■ 193.9519,

■ 0.0000, 0.0000,

198.5317, 89.9109

0.0000

236.2469,
242.2502, 117.0432

27.9437, 27.8934,
4.0835

27.9437, 27.8934,
4.0835

27.7046, 27.4680,
3.8417

28.7123, 29.2194,
4.9914

29.6265, 30.6429,
6.5447

30.7109, 32.1752,
8.8683

31.9829, 33.8238,
12.0528

33.4576, 35.5952,
16.1762

■ 35.1484, 37.4951,
21.3077

■ 37.0675, 39.5288,
27.5099

■ 39.2259, 41.7011,
34.8405

■ 41.6341, 44.0168,
43.3528

Harmonies

Analogous

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



36.5393, 27.8934, 6.5519



27.9437, 27.8934, 4.0835



20.4952, 27.8934, 5.2069

Triad

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



27.9437, 27.8934, 4.0835



14.7364, 27.8934, 53.2135



41.3930, 27.8934, 64.0139

Complementary

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



27.9437, 27.8934, 4.0835



9.3706, 5.4484, 43.7373

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.



33.6038, 27.8934, 91.5352



27.9437, 27.8934, 4.0835



18.5105, 27.8934, 83.3834

Square

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



27.9437, 27.8934, 4.0835



13.8260, 27.8934, 26.5177



25.1297, 27.8934, 100.0019



45.2513, 27.8934, 34.5810

Rectangle

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



27.9437, 27.8934, 4.0835



16.9768, 27.8934, 8.4426



25.1297, 27.8934, 100.0019



39.0794, 27.8934, 74.2874

Sweetspot

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



27.9443, 27.8948, 4.0840



66.1819, 70.6039, 46.4890



19.4526, 10.0598, 3.8788



13.9881, 14.9250, 9.0258



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



27.9443, 27.8948, 4.0840



50.0447, 49.4256, 6.9024



26.5891, 37.9317, 6.0928



9.0198, 9.5522, 9.0209



19.3905, 19.2796, 2.6993



0.6521, 0.6906, 0.0989

Inverse Universe

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



9.3706, 5.4484, 43.7373



16.3822, 8.8642, 79.1421



9.5947, 4.0914, 43.4636



8.2030, 8.5522, 10.7247



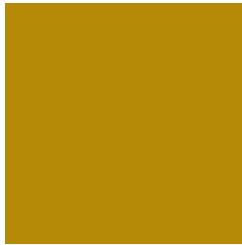
6.4091, 3.6186, 30.4977



0.2477, 0.2060, 0.9749

Previews

White Background



This preview shows how the XYZ color 27.9437, 27.8934, 4.0835 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 27.9437, 27.8934, 4.0835 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 27.9437, 27.8934, 4.0835

Background



This preview shows how black text looks on a background with the XYZ color 27.9437, 27.8934, 4.0835.



This preview shows how white text looks on a background with the XYZ color 27.9437, 27.8934,

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

27.9437, 27.8934, 4.0835

Protanopia

25.2901, 28.0615, 4.4001

Deuteranopia

28.5234, 27.9783, 4.1555



Tritanopia

32.8001, 27.8381, 27.6893

Trichromacy



Original Color

27.9437, 27.8934, 4.0835

Protanomaly

26.0845, 27.8007, 4.2497

Deuteranomaly

28.2809, 27.8539, 4.1155

Tritanomaly

29.8639, 27.4311, 13.3936

Monochromacy



Original Color

27.9437, 27.8934, 4.0835

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.6977, 25.2880, 13.0833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.9437, 27.8934, 4.0835 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(180, 138, 6)` looks like.

```
.text, #text, p{  
    color:rgb(180, 138, 6)  
}
```

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(180, 138, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 138, 6) }
```

Border

The CSS property to change the border of an element to XYZ 27.9437, 27.8934, 4.0835 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(180, 138, 6) }
```


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

```
.border{ border-color:rgb(180, 138, 6) }
```

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

Here you see how a box with a 4 pixel rgb(180, 138, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 138, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 138, 6);  
box-shadow:4px 4px 4px 4px rgb(180, 138,  
6) }
```

Background

The CSS property to change the background color of an element to XYZ 27.9437, 27.8934, 4.0835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 138, 6) }
```

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

```
.background{ background-color: rgb(180,  
138, 6) }
```

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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