

Converting Colors

XYZ(25.0555, 27.8720, 2.0593)

Have a look what the booklet for
XYZ(25.0555, 27.8720, 2.0593)
contains.

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Color

**XYZ(25.2831, 27.8390,
4.0409)**

Conversions

Conversions Part 1

Format	Color
Hex	A49000
RGB	164, 144, 0
RGB Percent	64%, 56%, 0%
CMY	0.3569, 0.4353, 1.0000
CMYK	0.00, 0.12, 1.00, 0.36
HSL	53°, 100%, 32%
HSV	53°, 100%, 64%
XYZ	25.2831, 27.8390, 4.0409
YIQ	133.5640, 58.1440, -40.5440

Conversions

Conversions Part 2

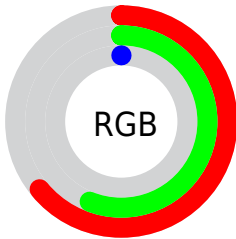
Format	Color
R_{YB}	23, 164, 0
Decimal	10784768
CIE _{Lab}	59.74, -4.91, 63.88
CIE _{LCh}	60, 64.068, 94.399
Yxy	27.8390, 0.4423, 0.4870
Android (android.graphics.Color)	4288974848 (0xFFA49000)
YUV	133.5640, -65.8471, 26.6924
Hunter-Lab	52.7627, -6.8001, 32.3931

Details

The XYZ color **25.2831, 27.8390, 4.0409** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.9512, 3.1809, 35.3693**, and the grayscale version is **22.7199, 23.9031, 26.0305**.

A 20% lighter version of the original color is **51.5350, 56.0754, 14.0687**, and **10.1870, 11.1936, 1.6237** is the 20% darker color. If you saturate the color by 10%, you get **25.2835, 27.8399, 4.0411**, and if you desaturate by 10%, it is **25.6859, 28.4901, 4.6518**.

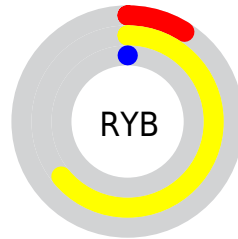
Distribution



Red (64%)

Green (56%)

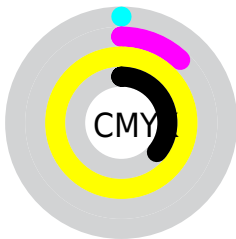
Blue (0%)



Red (9%)

Yellow (64%)

Blue (0%)

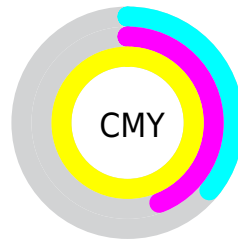


Cyan (0%)

Magenta (12%)

Yellow (100%)

Black (36%)



Cyan (36%)

Magenta (44%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2831, 27.8390, 4.0409 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 25.2831, 27.8390, 4.0409 by changing the saturation by 10% instead.

■ 25.2831, 27.8390,
4.0409

■ 25.2831, 27.8390,
4.0409

271.5666,
291.6968, 148.6789

■ 16.4180, 18.2043,
1.6478

■ 51.5557, 56.2273,
14.1040

■ 9.9131, 11.0968,
0.3246

■ 69.6939, 75.7497,
22.6110

■ 5.4032, 6.1320,
0.0000

■ 91.6538, 99.3368,
33.9932

■ 2.5229, 2.9255,
0.0000

■ 117.8008,
127.3730, 48.6689

■ 0.9068, 1.0930,
0.0000

■ 148.5002,
160.2428, 67.0568

■ 0.0000, 0.0000,
0.0000

■ 184.1174,

198.3304, 89.5754

■ 225.0177,
242.0202, 116.6433

■ 25.2831, 27.8390,
4.0409

■ 25.2831, 27.8390,
4.0409

■ 25.2835, 27.8399,
4.0411

■ 25.6859, 28.4901,
4.6518

■ 26.1721, 29.1822,
5.6783

■ 26.7755, 29.9298,
7.2950

■ 27.5104, 30.7387,
9.5776

■ 28.3892, 31.6139,
12.5907

■ 29.4227, 32.5598,
16.3912

■ 30.6206, 33.5803,
21.0305

■ 31.9919, 34.6790,
26.5553

■ 33.5448, 35.8594,
33.0093

Harmonies

Analogous

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



33.7781, 27.8390, 5.2540



25.2831, 27.8390, 4.0409



18.5991, 27.8390, 6.3913

Triad

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



25.2831, 27.8390, 4.0409



15.5756, 27.8390, 63.1479



43.1414, 27.8390, 53.9644

Complementary

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



25.2831, 27.8390, 4.0409



6.9512, 3.1809, 35.3693

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.



36.2726, 27.8390, 84.0353



25.2831, 27.8390, 4.0409



20.2837, 27.8390, 90.9715

Square

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



25.2831, 27.8390, 4.0409



13.7691, 27.8390, 33.8645



27.6731, 27.8390, 100.1001



45.2291, 27.8390, 27.0169

Rectangle

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



25.2831, 27.8390, 4.0409



15.7076, 27.8390, 11.0522



27.6731, 27.8390, 100.1001



41.2548, 27.8390, 64.4060

Sweetspot

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



25.2837, 27.8403, 4.0415



55.4494, 60.8448, 37.6506



15.4535, 7.9502, 1.4729



11.9262, 13.1374, 7.4635



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.



25.2837, 27.8403, 4.0415



45.7908, 50.3280, 7.3008



18.9693, 29.4861, 4.6919



7.5754, 8.0892, 7.5422



19.4095, 21.3929, 3.1063



0.4272, 0.4881, 0.0717

Inverse Universe

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



6.9512, 3.1809, 35.3693



12.5352, 5.6093, 64.1743



8.5729, 3.6456, 35.3735



6.7668, 6.9927, 8.8961



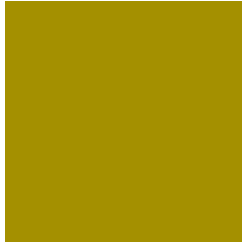
5.3497, 2.4788, 27.1263



0.1316, 0.0904, 0.5764

Previews

White Background



This preview shows how the XYZ color 25.2831, 27.8390, 4.0409 looks on a white background.

Color Contrast Check

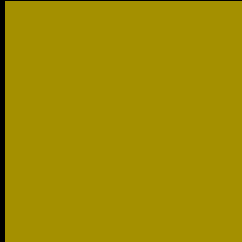
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2831, 27.8390, 4.0409 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 25.2831, 27.8390, 4.0409

Background



This preview shows how black text looks on a background with the XYZ color 25.2831, 27.8390, 4.0409.

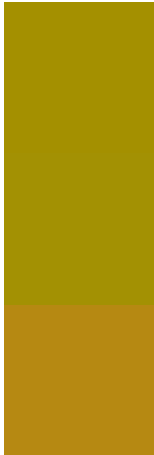


This preview shows how white text looks on a background with the XYZ color 25.2831, 27.8390,

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

25.2831, 27.8390, 4.0409

Protanopia

25.2461, 28.0439, 4.1686

Deuteranopia

28.3462, 27.8801, 4.4597



Tritanopia

30.5724, 27.8345, 30.1468

Trichromacy



Original Color

25.2831, 27.8390, 4.0409

Protanomaly

25.2406, 28.0417, 4.1397

Deuteranomaly

27.1177, 27.8943, 4.2715

Tritanomaly

27.3824, 27.3847, 13.9678

Monochromacy



Original Color

25.2831, 27.8390, 4.0409

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.4052, 24.8526, 12.2105

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2831, 27.8390, 4.0409 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(164, 144, 0)` looks like.

```
.text, #text, p{  
    color:rgb(164, 144, 0)  
}
```

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(164, 144, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 144, 0) }
```

Border

The CSS property to change the border of an element to XYZ 25.2831, 27.8390, 4.0409 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(164, 144, 0) }
```


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

```
.border{ border-color:rgb(164, 144, 0) }
```

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

Here you see how a box with a 4 pixel rgb(164, 144, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 144, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 144, 0);  
box-shadow:4px 4px 4px 4px rgb(164, 144,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2831, 27.8390, 4.0409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 144, 0) }
```

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

```
.background{ background-color: rgb(164,  
144, 0) }
```

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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