

Converting Colors

XYZ(24.4865, 24.6461, 4.6290)

Have a look what the booklet for
XYZ(24.4865, 24.6461, 4.6290)
contains.

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Color

**XYZ(24.4865, 24.6461,
4.6290)**

Conversions

Conversions Part 1

Format	Color
Hex	A8831D
RGB	168, 131, 29
RGB Percent	66%, 51%, 11%
CMY	0.3412, 0.4863, 0.8863
CMYK	0.00, 0.22, 0.83, 0.34
HSL	44°, 71%, 39%
HSV	44°, 83%, 66%
XYZ	24.4865, 24.6461, 4.6290
YIQ	130.4350, 54.7940, -23.8780

Conversions

Conversions Part 2

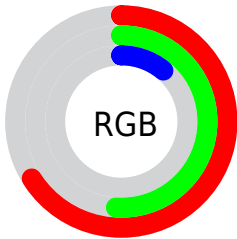
Format	Color
RYB	79, 168, 29
Decimal	11043613
CIELab	56.73, 4.66, 55.59
CIELCh	57, 55.787, 85.205
Yxy	24.6461, 0.4555, 0.4584
Android (android.graphics.Color)	4289233693 (0xFFA8831D)
YUV	130.4350, -50.0075, 32.9445
Hunter-Lab	49.6448, 1.1637, 29.2230

Details

The XYZ color **24.4865, 24.6461, 4.6290** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **9.5228, 6.9847, 37.8918**, and the grayscale version is **21.5314, 22.6527, 24.6687**.

A 20% lighter version of the original color is **50.3804, 51.2364, 15.4179**, and **9.5728, 9.4141, 1.3126** is the 20% darker color. If you saturate the color by 10%, you get **23.7451, 23.4102, 3.6215**, and if you desaturate by 10%, it is **25.3682, 25.9816, 6.2425**.

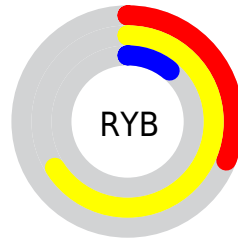
Distribution



Red (66%)

Green (51%)

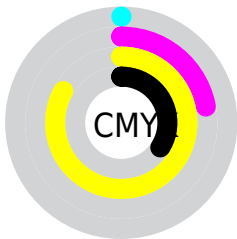
Blue (11%)



Red (31%)

Yellow (66%)

Blue (11%)

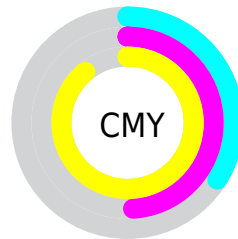


Cyan (0%)

Magenta (22%)

Yellow (83%)

Black (34%)



Cyan (34%)


Magenta (49%)


Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 24.4865, 24.6461, 4.6290 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 24.4865, 24.6461, 4.6290 by changing the saturation by 10% instead.


 24.4865, 24.6461,
4.6290


 24.4865, 24.6461,
4.6290


267.6660,
276.0709, 154.9793


 15.8216, 15.8136,
1.9764


 50.2719, 51.0825,
15.4362


 9.4880, 9.3923,
0.5407


 68.1230, 69.4552,
24.4279

 5.1205, 4.9980,
0.0000

 89.7670, 91.7767,
36.3698

 2.3536, 2.2461,
0.0000

 115.5691,
118.4315, 51.6802

 0.8219, 0.7449,
0.0000

 145.8946,
149.8039, 70.7778

 0.0000, 0.0000,
0.0000

 181.1091,

186.2783, 94.0812

221.5778,
228.2392, 122.0088

■ 24.4865, 24.6461,
4.6290

■ 24.4865, 24.6461,
4.6290

■ 23.7451, 23.4102,
3.6215

■ 25.3682, 25.9816,
6.2425

■ 23.2667, 22.5614,
3.1285

■ 26.4049, 27.4201,
8.5458

■ 27.6112, 28.9688,
11.6108

■ 28.9992, 30.6333,
15.5001

■ 30.5797, 32.4182,
20.2696

■ 32.3629, 34.3281,
25.9705

■ 34.3578, 36.3671,
32.6498

■ 36.5732, 38.5391,
40.3515

■ 39.0171, 40.8479,
49.1170

Harmonies

Analogous

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



31.3113, 24.6461, 6.8600



24.4865, 24.6461, 4.6290



18.4930, 24.6461, 5.7232

Triad

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



24.4865, 24.6461, 4.6290



13.8341, 24.6461, 45.1603



35.2693, 24.6461, 52.9022

Complementary

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



24.4865, 24.6461, 4.6290



9.5228, 6.9847, 37.8918

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.



29.1649, 24.6461, 74.0373



24.4865, 24.6461, 4.6290



16.9890, 24.6461, 68.3022

Square

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



24.4865, 24.6461, 4.6290



13.0424, 24.6461, 23.9512



22.3954, 24.6461, 80.6883



38.2284, 24.6461, 29.9424

Rectangle

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



24.4865, 24.6461, 4.6290



15.6242, 24.6461, 8.6836



22.3954, 24.6461, 80.6883



33.4680, 24.6461, 60.8080

Sweetspot

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



24.4871, 24.6473, 4.6295



57.8091, 61.3271, 44.1377



17.5732, 9.5979, 6.0914



12.3613, 13.1119, 8.8552



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



24.4871, 24.6473, 4.6295



42.1508, 40.7815, 5.7130



24.3075, 33.2919, 6.3075



7.9754, 8.4309, 7.9963



17.6138, 17.1249, 2.3771



0.4671, 0.4938, 0.0707

Inverse Universe

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



9.5228, 6.9847, 37.8918



14.4679, 8.3739, 68.0789



9.4588, 4.7121, 37.4565



7.2882, 7.6133, 9.5037



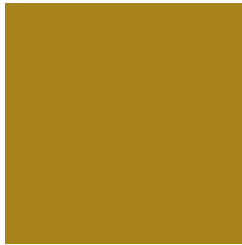
6.0749, 3.6101, 28.3521



0.1888, 0.1698, 0.7035

Previews

White Background



This preview shows how the XYZ color 24.4865, 24.6461, 4.6290 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 24.4865, 24.6461, 4.6290 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 24.4865, 24.6461, 4.6290

Background



This preview shows how black text looks on a background with the XYZ color 24.4865, 24.6461, 4.6290.



This preview shows how white text looks on a background with the XYZ color 24.4865, 24.6461,

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

24.4865, 24.6461, 4.6290

Protanopia

22.3169, 24.7574, 4.8307

Deuteranopia

25.0979, 24.5649, 4.6470



Tritanopia

28.5118, 24.5564, 24.7099

Trichromacy



Original Color

24.4865, 24.6461, 4.6290

Protanomaly

22.9989, 24.6908, 4.7819

Deuteranomaly

25.0116, 24.7169, 4.6809

Tritanomaly

26.3673, 24.2460, 13.8799

Monochromacy



Original Color

24.4865, 24.6461, 4.6290

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.4600, 22.6849, 13.6035

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4865, 24.6461, 4.6290 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(168, 131, 29)` looks like.

```
.text, #text, p{  
    color:rgb(168, 131, 29)  
}
```

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(168, 131, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 131, 29) }
```

Border

The CSS property to change the border of an element to XYZ 24.4865, 24.6461, 4.6290 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(168, 131, 29) }
```


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

```
.border{ border-color:rgb(168, 131, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 131, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 131, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 131, 29);  
box-shadow:4px 4px 4px 4px rgb(168, 131,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4865, 24.6461, 4.6290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 131, 29) }
```

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

```
.background{ background-color: rgb(168,  
131, 29) }
```

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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