

Converting Colors

XYZ(24.0631, 26.3164, 1.9405)

Have a look what the booklet for
XYZ(24.0631, 26.3164, 1.9405)
contains.

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Color

**XYZ(24.4823, 26.5427,
3.8329)**

Conversions

Conversions Part 1

Format	Color
Hex	A38C00
RGB	163, 140, 0
RGB Percent	64%, 55%, 0%
CMY	0.3608, 0.4510, 1.0000
CMYK	0.00, 0.14, 1.00, 0.36
HSL	52°, 100%, 32%
HSV	52°, 100%, 64%
XYZ	24.4823, 26.5427, 3.8329
YIQ	130.9170, 58.6480, -38.6640

Conversions

Conversions Part 2

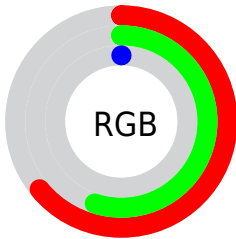
Format	Color
R_{YB}	27, 163, 0
Decimal	10718208
CIE _{Lab}	58.55, -3.20, 62.99
CIE _{LCh}	59, 63.066, 92.907
Yxy	26.5427, 0.4463, 0.4838
Android (android.graphics.Color)	4288908288 (0xFFA38C00)
YUV	130.9170, -64.5421, 28.1368
Hunter-Lab	51.5196, -5.3355, 31.6527

Details

The XYZ color **24.4823, 26.5427, 3.8329** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **6.9174, 3.2574, 34.9141**, and the grayscale version is **21.7534, 22.8862, 24.9231**.

A 20% lighter version of the original color is **50.2997, 54.1117, 13.5879**, and **9.7196, 10.4381, 1.5025** is the 20% darker color. If you saturate the color by 10%, you get **24.4826, 26.5435, 3.8330**, and if you desaturate by 10%, it is **24.9183, 27.2614, 4.4511**.

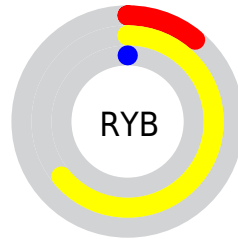
Distribution



Red (64%)

Green (55%)

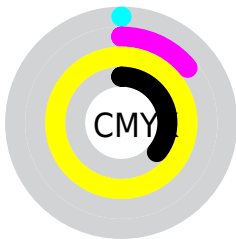
Blue (0%)



Red (11%)

Yellow (64%)

Blue (0%)

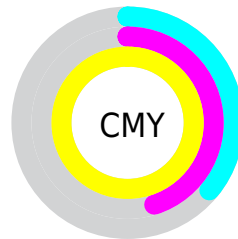


Cyan (0%)

Magenta (14%)

Yellow (100%)

Black (36%)



Cyan (36%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.4823, 26.5427, 3.8329 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 24.4823, 26.5427, 3.8329 by changing the saturation by 10% instead.

■ 24.4823, 26.5427,
3.8329

■ 24.4823, 26.5427,
3.8329

267.6453,
285.4361, 146.3495

■ 15.8184, 17.2301,
1.5341

■ 50.2651, 54.1492,
13.6225

■ 9.4858, 10.3987,
0.2432

■ 68.1147, 73.2118,
21.9504

■ 5.1190, 5.6641,
0.0000

■ 89.7570, 96.2932,
33.1251

■ 2.3527, 2.6419,
0.0000

■ 115.5572,
123.7779, 47.5652

■ 0.8214, 0.9478,
0.0000

■ 145.8808,
156.0500, 65.6891

■ 0.0000, 0.0000,
0.0000

■ 181.0931,

193.4942, 87.9155

221.5595,
236.4948, 114.6627

24.4823, 26.5427,
3.8329

24.4823, 26.5427,
3.8329

24.4826, 26.5435,
3.8330

24.9183, 27.2614,
4.4511

25.4381, 28.0240,
5.4789

26.0753, 28.8449,
7.0891

26.8439, 29.7297,
9.3566

27.7562, 30.6836,
12.3449

■ 28.8227, 31.7107,
16.1100

■ 30.0532, 32.8150,
20.7024

■ 31.4564, 34.0001,
26.1685

■ 33.0405, 35.2693,
32.5508

Harmonies

Analogous

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



32.6161, 26.5427, 5.1623



24.4823, 26.5427, 3.8329



17.9880, 26.5427, 5.8771

Triad

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



24.4823, 26.5427, 3.8329



14.6991, 26.5427, 58.7201



40.8975, 26.5427, 52.9280

Complementary

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



24.4823, 26.5427, 3.8329



6.9174, 3.2574, 34.9141

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.



34.1889, 26.5427, 81.3497



24.4823, 26.5427, 3.8329



19.0495, 26.5427, 85.7264

Square

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



24.4823, 26.5427, 3.8329



13.1108, 26.5427, 31.1117



25.9888, 26.5427, 95.6080



43.1611, 26.5427, 26.7966

Rectangle

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



24.4823, 26.5427, 3.8329



15.1376, 26.5427, 10.0868



25.9888, 26.5427, 95.6080



39.0283, 26.5427, 62.8997

Sweetspot

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



24.4829, 26.5440, 3.8334



53.6914, 58.6547, 36.5730



15.2739, 7.8545, 1.6005



11.8536, 12.9922, 7.4393



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.



24.4829, 26.5440, 3.8334



43.7356, 47.3152, 6.8276



19.0354, 29.2554, 4.6439



7.5639, 8.0661, 7.5383



19.0527, 20.6793, 2.9873



0.4222, 0.4783, 0.0701

Inverse Universe

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



6.9174, 3.2574, 34.9141



12.3003, 5.6573, 62.4998



8.3015, 3.5161, 34.8910



6.7774, 7.0137, 8.8996



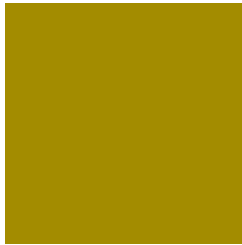
5.3971, 2.5735, 27.1421



0.1353, 0.0979, 0.5776

Previews

White Background



This preview shows how the XYZ color 24.4823, 26.5427, 3.8329 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 24.4823, 26.5427, 3.8329 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 24.4823, 26.5427, 3.8329

Background



This preview shows how black text looks on a background with the XYZ color 24.4823, 26.5427, 3.8329.

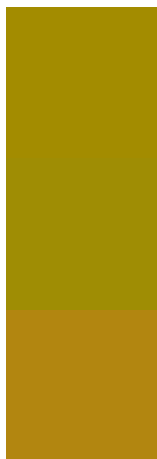


This preview shows how white text looks on a background with the XYZ color 24.4823, 26.5427,

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

24.4823, 26.5427, 3.8329

Protanopia

23.8449, 26.4294, 3.9595

Deuteranopia

26.9787, 26.5526, 4.1934



Tritanopia

29.5108, 26.5166, 28.3738

Trichromacy



Original Color

24.4823, 26.5427, 3.8329

Protanomaly

24.0385, 26.5299, 3.9400

Deuteranomaly

26.0925, 26.5145, 4.0297

Tritanomaly

26.4767, 26.0963, 13.0928

Monochromacy



Original Color

24.4823, 26.5427, 3.8329

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.4141, 23.5144, 11.5937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.4823, 26.5427, 3.8329 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(163, 140, 0)` looks like.

```
.text, #text, p{  
    color:rgb(163, 140, 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(163, 140, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 140, 0) }
```

Border

The CSS property to change the border of an element to XYZ 24.4823, 26.5427, 3.8329 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(163, 140, 0) }
```


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

```
.border{ border-color:rgb(163, 140, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 140, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 140, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 140, 0);  
box-shadow:4px 4px 4px 4px rgb(163, 140,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 24.4823, 26.5427, 3.8329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 140, 0) }
```

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

```
.background{ background-color: rgb(163,  
140, 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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