

Converting Colors

XYZ(26.4544, 24.6030, 3.3545)

Have a look what the booklet for
XYZ(26.4544, 24.6030, 3.3545)
contains.

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Color

**XYZ(26.3897, 24.4910,
3.3363)**

Conversions

Conversions Part 1

Format	Color
Hex	B57D00
RGB	181, 125, 0
RGB Percent	71%, 49%, 0%
CMY	0.2902, 0.5098, 1.0000
CMYK	0.00, 0.31, 1.00, 0.29
HSL	41°, 100%, 35%
HSV	41°, 100%, 71%
XYZ	26.3897, 24.4910, 3.3363
YIQ	127.4940, 73.5010, -27.0030

Conversions

Conversions Part 2

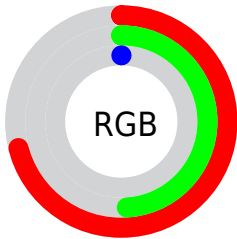
Format	Color
R _Y B	81, 181, 0
Decimal	11894016
CIE Lab	56.58, 13.36, 62.55
CIE LCh	57, 63.958, 77.942
Yxy	24.4910, 0.4867, 0.4517
Android (android.graphics.Color)	4290084096 (0xFFB57D00)
YUV	127.4940, -62.8545, 46.9248
Hunter-Lab	49.4884, 8.5805, 30.6448

Details

The XYZ color **26.3897, 24.4910, 3.3363** is a dark color, and the websafe version is hex **CC9933**. A complement of this color would be **9.7548, 6.1647, 44.3916**, and the grayscale version is **20.5361, 21.6056, 23.5285**.

A 20% lighter version of the original color is **53.3835, 50.7389, 12.4488**, and **10.7528, 9.3798, 1.2438** is the 20% darker color. If you saturate the color by 10%, you get **26.3899, 24.4917, 3.3365**, and if you desaturate by 10%, it is **27.2293, 25.9944, 4.1591**.

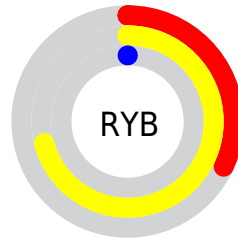
Distribution



Red (71%)

Green (49%)

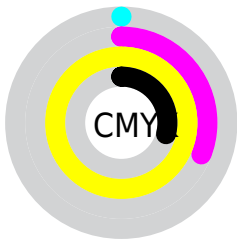
Blue (0%)



Red (32%)

Yellow (71%)

Blue (0%)

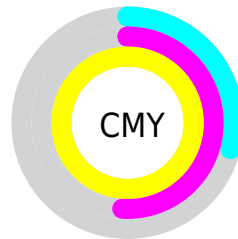


Cyan (0%)

Magenta (31%)

Yellow (100%)

Black (29%)



Cyan (29%)


Magenta (51%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 26.3897, 24.4910, 3.3363 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 26.3897, 24.4910, 3.3363 by changing the saturation by 10% instead.


 26.3897, 24.4910,
3.3363


 26.3897, 24.4910,
3.3363


276.9116,
275.2935, 140.5350


 17.2496, 15.6982,
1.2688


 53.3298, 50.8303,
12.4476

 10.5090, 9.3109,
0.0360


 71.8605, 69.1456,
20.3285

 5.8026, 4.9445,
0.0000

 94.2522, 91.4038,
30.9842

 2.7649, 2.2147,
0.0000

 120.8701,
117.9895, 44.8334


 1.0307, 0.7280,
0.0000


 152.0796,
149.2868, 62.2945


 0.0000, 0.0000,
0.0000


 188.2462,


185.6804, 83.7861


 229.7350,
227.5545, 109.7267


 26.3897, 24.4910,
3.3363


 26.3897, 24.4910,
3.3363


 26.3899, 24.4917,
3.3365

 27.2293, 25.9944,
4.1591

 28.2105, 27.6183,
5.5297

 29.3729, 29.3807,
7.6508

 30.7356, 31.2901,
10.6204

 32.3148, 33.3541,
14.5211

■ 34.1251, 35.5793,
19.4261

■ 36.1794, 37.9719,
25.4010

■ 38.4896, 40.5375,
32.5058

■ 41.0668, 43.2814,
40.7961

Harmonies

Analogous

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



34.2119, 24.4910, 6.3709



26.3897, 24.4910, 3.3363



19.1508, 24.4910, 3.6155

Triad

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



26.3897, 24.4910, 3.3363



12.1655, 24.4910, 41.3506



35.5693, 24.4910, 64.5069

Complementary

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



26.3897, 24.4910, 3.3363



9.7548, 6.1647, 44.3916

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.



27.9591, 24.4910, 87.5507



26.3897, 24.4910, 3.3363



14.9638, 24.4910, 70.0050

Square

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



26.3897, 24.4910, 3.3363



11.9210, 24.4910, 19.0043



20.4210, 24.4910, 89.9727



40.2183, 24.4910, 36.1528

Rectangle

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



26.3897, 24.4910, 3.3363



15.5565, 24.4910, 5.6714



20.4210, 24.4910, 89.9727



33.2066, 24.4910, 73.6587

Sweetspot

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



26.3902, 24.4922, 3.3368



64.6003, 67.7836, 44.9050



19.8026, 10.1225, 4.8232



13.6230, 14.2599, 8.7040



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.



26.3902, 24.4922, 3.3368



47.0530, 43.4422, 5.9052



28.7036, 39.3265, 6.0781



8.9708, 9.4541, 9.0045



18.2565, 17.0116, 2.3213



0.6234, 0.6332, 0.0894

Inverse Universe

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



9.7548, 6.1647, 44.3916



17.2926, 10.6850, 79.4456



8.9738, 3.6628, 43.9498



8.2493, 8.6448, 10.7402



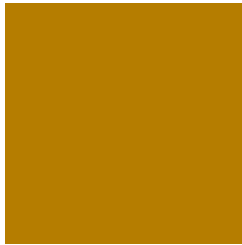
6.7797, 4.3598, 30.6212



0.2665, 0.2436, 0.9812

Previews

White Background



This preview shows how the XYZ color 26.3897, 24.4910, 3.3363 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 26.3897, 24.4910, 3.3363 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 26.3897, 24.4910, 3.3363

Background



This preview shows how black text looks on a background with the XYZ color 26.3897, 24.4910, 3.3363.



This preview shows how white text looks on a background with the XYZ color 26.3897, 24.4910,

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

26.3897, 24.4910, 3.3363

Protanopia

22.3384, 24.7879, 3.9550

Deuteranopia

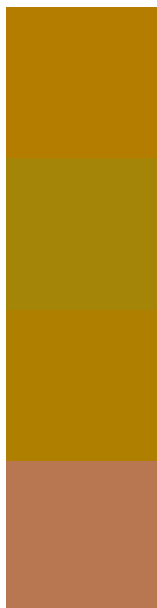
24.8635, 24.4712, 3.4130



Tritanopia

30.1968, 24.4106, 22.5222

Trichromacy



Original Color

26.3897, 24.4910, 3.3363

Protanomaly

23.7412, 24.6851, 3.7431

Deuteranomaly

25.3984, 24.5523, 3.4004

Tritanomaly

27.8120, 23.9632, 10.7489

Monochromacy



Original Color

26.3897, 24.4910, 3.3363

Achromatopsia

20.1725, 21.2231, 23.1119

Achromatomaly

20.9787, 21.7188, 10.8710

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.3897, 24.4910, 3.3363 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(181, 125, 0)` looks like.

```
.text, #text, p{  
    color:rgb(181, 125, 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(181, 125, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 125, 0) }
```

Border

The CSS property to change the border of an element to XYZ 26.3897, 24.4910, 3.3363 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(181, 125, 0) }
```


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

```
.border{ border-color:rgb(181, 125, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 125, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 125, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 125, 0);  
box-shadow:4px 4px 4px 4px rgb(181, 125,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 26.3897, 24.4910, 3.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 125, 0) }
```

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

```
.background{ background-color: rgb(181,  
125, 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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