

Converting Colors

XYZ(26.8266, 24.9227, 4.4074)

Have a look what the booklet for
XYZ(26.8266, 24.9227, 4.4074)
contains.

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Color

**XYZ(26.7147, 24.8246,
4.4205)**

Conversions

Conversions Part 1

Format	Color
Hex	B57E1B
RGB	181, 126, 27
RGB Percent	71%, 49%, 11%
CMY	0.2902, 0.5059, 0.8941
CMYK	0.00, 0.30, 0.85, 0.29
HSL	39°, 74%, 41%
HSV	39°, 85%, 71%
XYZ	26.7147, 24.8246, 4.4205
YIQ	131.1590, 64.5590, -19.1290

Conversions

Conversions Part 2

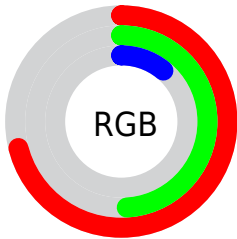
Format	Color
RYB	113, 181, 27
Decimal	11894299
CIELab	56.90, 13.28, 56.96
CIELCh	57, 58.486, 76.876
Yxy	24.8246, 0.4774, 0.4436
Android (android.graphics.Color)	4290084379 (0xFFB57E1B)
YUV	131.1590, -51.3504, 43.7106
Hunter-Lab	49.8243, 8.5153, 29.6167

Details

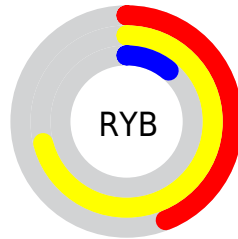
The XYZ color **26.7147, 24.8246, 4.4205** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **11.8096, 9.6035, 44.9468**, and the grayscale version is **21.7927, 22.9276, 24.9682**.

A 20% lighter version of the original color is **53.9187, 51.5502, 15.0910**, and **10.8223, 9.5187, 1.2669** is the 20% darker color. If you saturate the color by 10%, you get **25.7661, 23.1661, 3.3692**, and if you desaturate by 10%, it is **27.8465, 26.6439, 6.1682**.

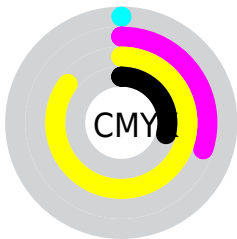
Distribution



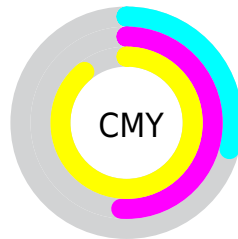
- Red (71%)
- Green (49%)
- Blue (11%)



- Red (44%)
- Yellow (71%)
- Blue (11%)



- Cyan (0%)
- Magenta (30%)
- Yellow (85%)
- Black (29%)



- Cyan (29%)
- Magenta (51%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.7147, 24.8246, 4.4205 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 26.7147, 24.8246, 4.4205 by changing the saturation by 10% instead.

■ 26.7147, 24.8246,
4.4205

■ 26.7147, 24.8246,
4.4205

278.4659,
276.9633, 152.7905

■ 17.4945, 15.9464,
1.8587

■ 53.8488, 51.3725,
14.9685

■ 10.6852, 9.4862,
0.4663

■ 72.4935, 69.8111,
23.7918

■ 5.9213, 5.0597,
0.0000

■ 95.0105, 92.2052,
35.5394

■ 2.8375, 2.2823,
0.0000

■ 121.7650,
118.9393, 50.6298

■ 1.0684, 0.7643,
0.0000

■ 153.1224,
150.3978, 69.4816

■ 0.0000, 0.0000,
0.0000

■ 189.4481,

186.9650, 92.5133

231.1075,
229.0254, 120.1434

26.7147, 24.8246,
4.4205

26.7147, 24.8246,
4.4205

25.7661, 23.1661,
3.3692

27.8465, 26.6439,
6.1682

25.3430, 22.3980,
2.9875

29.1816, 28.6306,
8.7207

30.7386, 30.7945,
12.1682

32.5329, 33.1434,
16.5884

34.5786, 35.6843,
22.0505

■ 36.8885, 38.4237,
28.6173

■ 39.4744, 41.3678,
36.3467

■ 42.3471, 44.5222,
45.2924

■ 45.5172, 47.8925,
55.5049

Harmonies

Analogous

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



33.7952, 24.8246, 7.7849



26.7147, 24.8246, 4.4205



19.9735, 24.8246, 4.6144

Triad

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



26.7147, 24.8246, 4.4205



13.1001, 24.8246, 39.5287



34.5759, 24.8246, 61.8950

Complementary

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



26.7147, 24.8246, 4.4205



11.8096, 9.6035, 44.9468

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.



27.6298, 24.8246, 81.5976



26.7147, 24.8246, 4.4205



15.6864, 24.8246, 64.9788

Square

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



26.7147, 24.8246, 4.4205



12.9499, 24.8246, 19.3357



20.7282, 24.8246, 82.9401



38.8913, 24.8246, 36.5341

Rectangle

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



26.7147, 24.8246, 4.4205



16.5395, 24.8246, 6.6879



20.7282, 24.8246, 82.9401



32.4165, 24.8246, 69.8396

Sweetspot

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



26.7153, 24.8259, 4.4210



65.4788, 68.1314, 49.5419



21.0274, 11.2395, 9.3400



13.8413, 14.3599, 9.8144



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.



26.7153, 24.8259, 4.4210



45.1668, 39.6698, 5.2765



31.3122, 40.6483, 7.2327



8.9367, 9.3858, 8.9932



17.5385, 15.5755, 2.0820



0.6045, 0.5954, 0.0831

Inverse Universe

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



11.8096, 9.6035, 44.9468



18.0909, 12.2815, 79.7117



9.9296, 4.7374, 44.1067



8.2821, 8.7103, 10.7511



7.0988, 4.9981, 30.7276



0.2798, 0.2700, 0.9856

Previews

White Background



This preview shows how the XYZ color 26.7147, 24.8246, 4.4205 looks on a white background.

Color Contrast Check

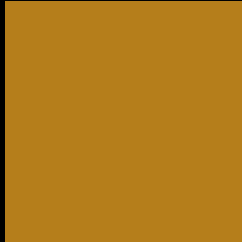
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7147, 24.8246, 4.4205 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 26.7147, 24.8246, 4.4205

Background



This preview shows how black text looks on a background with the XYZ color 26.7147, 24.8246, 4.4205.



This preview shows how white text looks on a background with the XYZ color 26.7147, 24.8246,

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

26.7147, 24.8246, 4.4205

Protanopia

22.5064, 24.8551, 4.8396

Deuteranopia

25.3917, 24.9197, 4.3914



Tritanopia

30.3769, 24.6680, 22.8990

Trichromacy



Original Color

26.7147, 24.8246, 4.4205

Protanomaly

23.9191, 24.7563, 4.6802

Deuteranomaly

25.9412, 25.0052, 4.4365

Tritanomaly

28.3291, 24.3615, 12.8820

Monochromacy



Original Color

26.7147, 24.8246, 4.4205

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.2205, 22.8804, 13.6011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.7147, 24.8246, 4.4205 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, 126, 27)` looks like.

```
.text, #text, p{  
    color:rgb(181, 126, 27)  
}
```

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, 126, 27) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 126, 27) }
```

Border

The CSS property to change the border of an element to XYZ 26.7147, 24.8246, 4.4205 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, 126, 27) }
```


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

```
.border{ border-color:rgb(181, 126, 27) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 126, 27)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 126, 27); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 126, 27);  
box-shadow:4px 4px 4px 4px rgb(181, 126,  
27) }
```

Background

The CSS property to change the background color of an element to XYZ 26.7147, 24.8246, 4.4205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 126, 27) }
```

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

```
.background{ background-color: rgb(181,  
126, 27) }
```

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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