

Converting Colors

XYZ(26.2279, 24.7796, 4.5567)

Have a look what the booklet for
XYZ(26.2279, 24.7796, 4.5567)
contains.

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Color

**XYZ(26.1712, 24.7324,
4.5569)**

Conversions

Conversions Part 1

Format	Color
Hex	B27F1D
RGB	178, 127, 29
RGB Percent	70%, 50%, 11%
CMY	0.3020, 0.5019, 0.8863
CMYK	0.00, 0.29, 0.84, 0.30
HSL	39°, 72%, 41%
HSV	39°, 84%, 70%
XYZ	26.1712, 24.7324, 4.5569
YIQ	131.0770, 61.8540, -19.6660

Conversions

Conversions Part 2

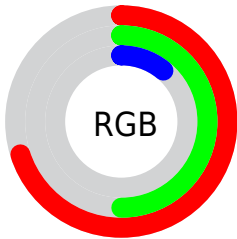
Format	Color
RYB	107, 178, 29
Decimal	11697949
CIELab	56.81, 11.43, 56.10
CIElCh	57, 57.256, 78.481
Yxy	24.7324, 0.4719, 0.4459
Android (android.graphics.Color)	4289888029 (0xFFB27F1D)
YUV	131.0770, -50.3240, 41.1515
Hunter-Lab	49.7317, 6.9048, 29.3794

Details

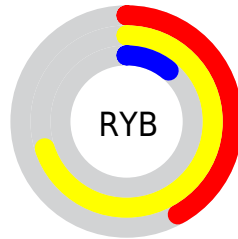
The XYZ color **26.1712, 24.7324, 4.5569** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **11.4112, 9.2128, 43.2959**, and the grayscale version is **21.7604, 22.8936, 24.9311**.

A 20% lighter version of the original color is **53.1425, 51.4442, 15.3124**, and **10.4701, 9.4418, 1.2706** is the 20% darker color. If you saturate the color by 10%, you get **25.2483, 23.1431, 3.4592**, and if you desaturate by 10%, it is **27.2699, 26.4702, 6.3407**.

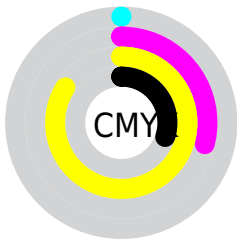
Distribution



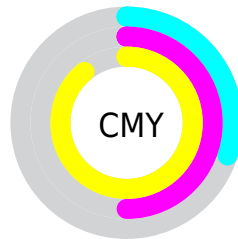
- Red (70%)
- Green (50%)
- Blue (11%)



- Red (42%)
- Yellow (70%)
- Blue (11%)



- Cyan (0%)
- Magenta (29%)
- Yellow (84%)
- Black (30%)



- Cyan (30%)
- Magenta (50%)
- Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.1712, 24.7324, 4.5569 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 26.1712, 24.7324, 4.5569 by changing the saturation by 10% instead.

■ 26.1712, 24.7324,
4.5569

■ 26.1712, 24.7324,
4.5569

275.8628,
276.5026, 154.2276

■ 17.0851, 15.8778,
1.9356

■ 52.9803, 51.2228,
15.2750

■ 10.3909, 9.4377,
0.5152

■ 71.4341, 69.6273,
24.2089

■ 5.7231, 5.0278,
0.0000

■ 93.7411, 91.9840,
36.0841

■ 2.7165, 2.2636,
0.0000

■ 120.2668,
118.6771, 51.3190

■ 1.0057, 0.7543,
0.0000

■ 151.3764,
150.0912, 70.3323

■ 0.0000, 0.0000,
0.0000

■ 187.4354,

186.6105, 93.5425

228.8091,
228.6195, 121.3681

26.1712, 24.7324,
4.5569

26.1712, 24.7324,
4.5569

25.2483, 23.1431,
3.4592

27.2699, 26.4702,
6.3407

24.7303, 22.2056,
2.9827

28.5627, 28.3621,
8.9102

30.0668, 30.4171,
12.3500

31.7969, 32.6426,
16.7333

33.7661, 35.0448,
22.1255

■ 35.9864, 37.6298,
28.5862

■ 38.4689, 40.4031,
36.1703

■ 41.2240, 43.3702,
44.9288

■ 44.2614, 46.5359,
54.9098

Harmonies

Analogous

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



33.1082, 24.7324, 7.6902



26.1712, 24.7324, 4.5569



19.6605, 24.7324, 4.9205

Triad

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



26.1712, 24.7324, 4.5569



13.2950, 24.7324, 40.3790



34.5158, 24.7324, 59.4804

Complementary

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



26.1712, 24.7324, 4.5569



11.4112, 9.2128, 43.2959

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.



27.8260, 24.7324, 79.1693



26.1712, 24.7324, 4.5569



15.9691, 24.7324, 65.0096

Square

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



26.1712, 24.7324, 4.5569



13.0204, 24.7324, 20.2215



21.0308, 24.7324, 81.5698



38.5012, 24.7324, 34.9774

Rectangle

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



26.1712, 24.7324, 4.5569



16.3763, 24.7324, 7.1585



21.0308, 24.7324, 81.5698



32.4561, 24.7324, 67.2952

Sweetspot

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



26.1718, 24.7336, 4.5574



64.5308, 67.4061, 49.6731



20.2903, 10.9402, 8.8569



13.9814, 14.5690, 10.0798



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.



26.1718, 24.7336, 4.5574



44.6256, 39.8256, 5.3351



29.7847, 38.9623, 7.1133



8.9473, 9.4071, 8.9967



17.7552, 16.0089, 2.1542



0.6103, 0.6070, 0.0850

Inverse Universe

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



11.4112, 9.2128, 43.2959



17.3990, 11.4819, 77.6804



9.8584, 4.8063, 42.5272



8.2719, 8.6899, 10.7477



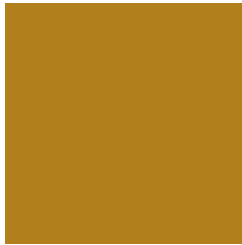
6.9941, 4.7886, 30.6927



0.2756, 0.2618, 0.9842

Previews

White Background



This preview shows how the XYZ color 26.1712, 24.7324, 4.5569 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 26.1712, 24.7324, 4.5569 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 26.1712, 24.7324, 4.5569

Background



This preview shows how black text looks on a background with the XYZ color 26.1712, 24.7324, 4.5569.



This preview shows how white text looks on a background with the XYZ color 26.1712, 24.7324,

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

26.1712, 24.7324, 4.5569

Protanopia

22.5328, 24.8656, 4.9784

Deuteranopia

25.2055, 24.8198, 4.5608



Tritanopia

30.0764, 24.6795, 23.2571

Trichromacy



Original Color

26.1712, 24.7324, 4.5569

Protanomaly

23.7391, 24.6605, 4.8051

Deuteranomaly

25.5154, 24.7830, 4.5374

Tritanomaly

28.0171, 24.3752, 13.1257

Monochromacy



Original Color

26.1712, 24.7324, 4.5569

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.2158, 23.0693, 13.8716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.1712, 24.7324, 4.5569 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(178, 127, 29)` looks like.

```
.text, #text, p{  
    color:rgb(178, 127, 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(178, 127, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 127, 29) }
```

Border

The CSS property to change the border of an element to XYZ 26.1712, 24.7324, 4.5569 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(178, 127, 29) }
```


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

```
.border{ border-color:rgb(178, 127, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 127, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 127, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 127, 29);  
box-shadow:4px 4px 4px 4px rgb(178, 127,  
29) }
```

Background

The CSS property to change the background color of an element to XYZ 26.1712, 24.7324, 4.5569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 127, 29) }
```

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

```
.background{ background-color: rgb(178,  
127, 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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