

Converting Colors

XYZ(24.8848, 23.0083, 3.4195)

Have a look what the booklet for
XYZ(24.8848, 23.0083, 3.4195)
contains.

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Color

**XYZ(24.7967, 22.9268,
3.4055)**

Conversions

Conversions Part 1

Format	Color
Hex	B0790A
RGB	176, 121, 10
RGB Percent	69%, 47%, 4%
CMY	0.3098, 0.5255, 0.9608
CMYK	0.00, 0.31, 0.94, 0.31
HSL	40°, 89%, 36%
HSV	40°, 94%, 69%
XYZ	24.7967, 22.9268, 3.4055
YIQ	124.7910, 68.4110, -22.8610

Conversions

Conversions Part 2

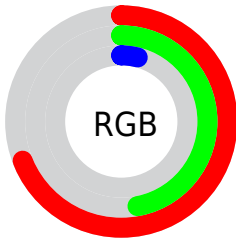
Format	Color
R _{YB}	92, 176, 10
Decimal	11565322
CIE _{Lab}	55.00, 13.47, 59.39
CIE _{LCh}	55, 60.902, 77.224
Yxy	22.9268, 0.4850, 0.4484
Android (android.graphics.Color)	4289755402 (0xFFB0790A)
YUV	124.7910, -56.5920, 44.9103
Hunter-Lab	47.8819, 8.6467, 29.3005

Details

The XYZ color **24.7967, 22.9268, 3.4055** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **9.8520, 6.9798, 41.9021**, and the grayscale version is **19.5917, 20.6120, 22.4464**.

A 20% lighter version of the original color is **50.6730, 48.1749, 12.5892**, and **9.8538, 8.6166, 1.1438** is the 20% darker color. If you saturate the color by 10%, you get **24.3464, 22.1140, 2.9852**, and if you desaturate by 10%, it is **25.6775, 24.4485, 4.4397**.

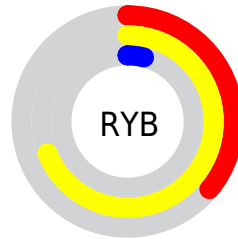
Distribution



Red (69%)

Green (47%)

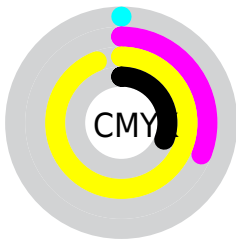
Blue (4%)



Red (36%)

Yellow (69%)

Blue (4%)

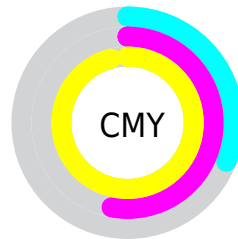


Cyan (0%)

Magenta (31%)

Yellow (94%)

Black (31%)



Cyan (31%)

Magenta (53%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7967, 22.9268, 3.4055 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 24.7967, 22.9268, 3.4055 by changing the saturation by 10% instead.

■ 24.7967, 22.9268,
3.4055

■ 24.7967, 22.9268,
3.4055

269.1903,
267.3488, 141.3686

■ 16.0536, 14.5395,
1.3052

■ 50.7725, 48.2731,
12.6136

■ 9.6532, 8.4968,
0.0661

■ 68.7359, 66.0009,
20.5586

■ 5.2301, 4.4145,
0.0000

■ 90.5034, 87.6109,
31.2888

■ 2.4190, 1.9080,
0.0000

■ 116.4404,
113.4876, 45.2229

■ 0.8546, 0.5532,
0.0000

■ 146.9122,
144.0153, 62.7794

■ 0.0000, 0.0000,
0.0000

■ 182.2842,

179.5785, 84.3769

222.9218,
220.5615, 110.4337

24.7967, 22.9268,
3.4055

24.7967, 22.9268,
3.4055

24.3464, 22.1140,
2.9852

25.6775, 24.4485,
4.4397

26.7240, 26.1051,
6.1338

27.9563, 27.9070,
8.5874

29.3906, 29.8616,
11.8832

31.0412, 31.9758,
16.0927

■ 32.9209, 34.2557,
21.2800

■ 35.0413, 36.7072,
27.5034

■ 37.4132, 39.3354,
34.8163

■ 40.0467, 42.1454,
43.2686

Harmonies

Analogous

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



31.8748, 22.9268, 6.3858



24.7967, 22.9268, 3.4055



18.1613, 22.9268, 3.6078

Triad

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



24.7967, 22.9268, 3.4055



11.5770, 22.9268, 37.7020



32.8039, 22.9268, 59.7810

Complementary

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



24.7967, 22.9268, 3.4055



9.8520, 6.9798, 41.9021

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.



25.8752, 22.9268, 80.1444



24.7967, 22.9268, 3.4055



14.0960, 22.9268, 63.5171

Square

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



24.7967, 22.9268, 3.4055



11.4064, 22.9268, 17.5972



19.0390, 22.9268, 81.7846



37.1013, 22.9268, 34.1427

Rectangle

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



24.7967, 22.9268, 3.4055



14.8304, 22.9268, 5.4960



19.0390, 22.9268, 81.7846



30.6471, 22.9268, 67.9391

Sweetspot

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



24.7972, 22.9280, 3.4059



61.8935, 64.6801, 44.9343



18.9770, 9.8329, 5.9502



13.0668, 13.6142, 8.7284



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



24.7972, 22.9280, 3.4059



43.9404, 39.6755, 5.3422



27.8533, 37.3995, 6.0382



8.9551, 9.4227, 8.9993



17.9188, 16.3361, 2.2088



0.6146, 0.6156, 0.0864

Inverse Universe

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



9.8520, 6.9798, 41.9021



16.7996, 10.8588, 75.7058



8.7323, 3.7577, 41.3391



8.2643, 8.6749, 10.7452



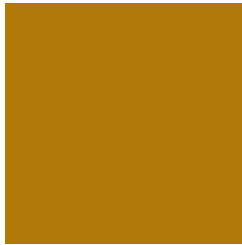
6.9201, 4.6405, 30.6680



0.2726, 0.2558, 0.9832

Previews

White Background



This preview shows how the XYZ color 24.7967, 22.9268, 3.4055 looks on a white background.

Color Contrast Check

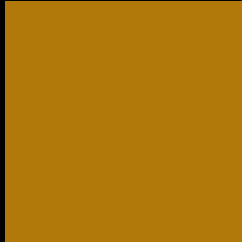
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7967, 22.9268, 3.4055 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 24.7967, 22.9268, 3.4055

Background



This preview shows how black text looks on a background with the XYZ color 24.7967, 22.9268, 3.4055.



This preview shows how white text looks on a background with the XYZ color 24.7967, 22.9268,

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

24.7967, 22.9268, 3.4055

Protanopia

20.7319, 22.9266, 3.7845

Deuteranopia

23.2700, 22.8827, 3.1903



Tritanopia

28.4124, 23.0145, 21.0339

Trichromacy



Original Color

24.7967, 22.9268, 3.4055

Protanomaly

22.0899, 22.8383, 3.6247

Deuteranomaly

23.8071, 22.9701, 3.2938

Tritanomaly

26.3210, 22.6686, 10.7728

Monochromacy



Original Color

24.7967, 22.9268, 3.4055

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.2706, 20.9691, 11.1627

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7967, 22.9268, 3.4055 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(176, 121, 10)` looks like.

```
.text, #text, p{  
    color:rgb(176, 121, 10)  
}
```

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(176, 121, 10) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 121, 10) }
```

Border

The CSS property to change the border of an element to XYZ 24.7967, 22.9268, 3.4055 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(176, 121, 10) }
```


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

```
.border{ border-color:rgb(176, 121, 10) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 121, 10)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 121, 10); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 121, 10);  
box-shadow:4px 4px 4px 4px rgb(176, 121,  
10) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7967, 22.9268, 3.4055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 121, 10) }
```

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

```
.background{ background-color: rgb(176,  
121, 10) }
```

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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