

Converting Colors

XYZ(22.1019, 25.5319, 3.7636)

Have a look what the booklet for
XYZ(22.1019, 25.5319, 3.7636)
contains.

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Color

**XYZ(22.1026, 25.5338,
3.7636)**

Conversions

Conversions Part 1

Format	Color
Hex	968D00
RGB	150, 141, 0
RGB Percent	59%, 55%, 0%
CMY	0.4118, 0.4470, 1.0000
CMYK	0.00, 0.06, 1.00, 0.41
HSL	56°, 100%, 29%
HSV	56°, 100%, 59%
XYZ	22.1026, 25.5338, 3.7636
YIQ	127.6170, 50.6250, -41.9430

Conversions

Conversions Part 2

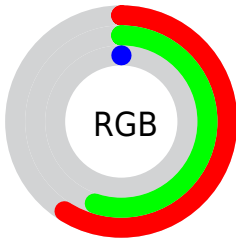
Format	Color
R_{YB}	10, 150, 0
Decimal	9866496
CIE Lab	57.59, -9.73, 61.73
CIE LCh	58, 62.496, 98.961
Yxy	25.5338, 0.4300, 0.4968
Android (android.graphics.Color)	4288056576 (0xFF968D00)
YUV	127.6170, -62.9152, 19.6299
Hunter-Lab	50.5310, -10.3521, 30.9557

Details

The XYZ color **22.1026, 25.5338, 3.7636** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.6029, 2.3976, 29.0215**, and the grayscale version is **20.5847, 21.6567, 23.5842**.

A 20% lighter version of the original color is **46.4097, 52.4357, 13.4694**, and **8.4604, 9.9151, 1.4679** is the 20% darker color. If you saturate the color by 10%, you get **22.1030, 25.5348, 3.7638**, and if you desaturate by 10%, it is **22.3226, 25.8359, 4.2627**.

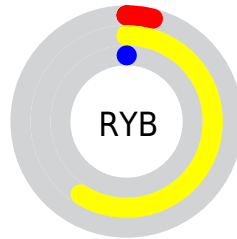
Distribution



Red (59%)

Green (55%)

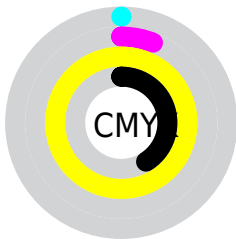
Blue (0%)



Red (4%)

Yellow (59%)

Blue (0%)

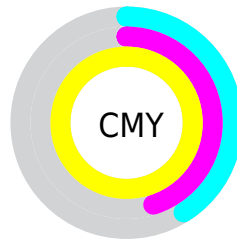


Cyan (0%)

Magenta (6%)

Yellow (100%)

Black (41%)



Cyan (41%)

Magenta (45%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.1026, 25.5338, 3.7636 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 22.1026, 25.5338, 3.7636 by changing the saturation by 10% instead.

■ 22.1026, 25.5338,
3.7636

■ 22.1026, 25.5338,
3.7636

255.7039,
280.4860, 145.5604

■ 14.0493, 16.4752,
1.4966

■ 46.3931, 52.5219,
13.4608

■ 8.2369, 9.8610,
0.2154

■ 63.3611, 71.2202,
21.7280

■ 4.3000, 5.3069,
0.0000

■ 84.0313, 93.9005,
32.8324

■ 1.8732, 2.4284,
0.0000

■ 108.7691,
120.9472, 47.1924

■ 0.5612, 0.8405,
0.0000

■ 137.9400,
152.7447, 65.2267

■ 0.0000, 0.0000,
0.0000

■ 171.9091,

189.6774, 87.3538

211.0420,
232.1297, 113.9922

22.1026, 25.5338,
3.7636

22.1026, 25.5338,
3.7636

22.1030, 25.5348,
3.7638

22.3226, 25.8359,
4.2627

22.6051, 26.1637,
5.0877

22.9798, 26.5302,
6.3934

23.4583, 26.9399,
8.2401

24.0503, 27.3968,
10.6791

■ 24.7645, 27.9043,
13.7562

■ 25.6087, 28.4655,
17.5123

■ 26.5899, 29.0833,
21.9850

■ 27.7150, 29.7604,
27.2094

Harmonies

Analogous

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



29.7916, 25.5338, 4.3848



22.1026, 25.5338, 3.7636



16.3207, 25.5338, 6.5305

Triad

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



22.1026, 25.5338, 3.7636



14.7367, 25.5338, 62.4601



40.2702, 25.5338, 45.3118

Complementary

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



22.1026, 25.5338, 3.7636



5.6029, 2.3976, 29.0215

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.



34.4524, 25.5338, 73.5419



22.1026, 25.5338, 3.7636



19.4751, 25.5338, 86.4727

Square

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



22.1026, 25.5338, 3.7636



12.6784, 25.5338, 34.7046



26.5728, 25.5338, 91.3277



41.3749, 25.5338, 21.8813

Rectangle

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



22.1026, 25.5338, 3.7636



13.9365, 25.5338, 11.5438



26.5728, 25.5338, 91.3277



38.7512, 25.5338, 54.8194

Sweetspot

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



22.1032, 25.5350, 3.7641



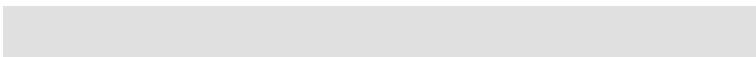
45.0980, 50.1735, 30.4736



12.6326, 6.5062, 0.8775



9.8640, 11.0337, 6.1696



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



22.1032, 25.5350, 3.7641



38.9610, 44.9713, 6.6269



14.6531, 23.7441, 3.8111



6.2360, 6.6857, 6.2023



18.3402, 21.1948, 3.1244



0.2318, 0.2740, 0.0407

Inverse Universe

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



5.6029, 2.3976, 29.0215



9.8421, 4.1400, 51.2016



7.6855, 3.3263, 29.0910



5.5258, 5.6855, 7.2759



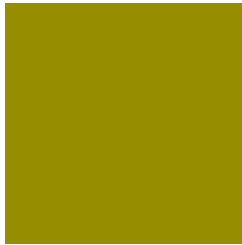
4.6554, 2.0056, 24.0728



0.0625, 0.0356, 0.2965

Previews

White Background



This preview shows how the XYZ color 22.1026, 25.5338, 3.7636 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 22.1026, 25.5338, 3.7636 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

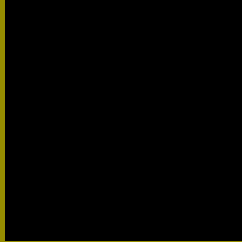
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.1026, 25.5338, 3.7636

Background



This preview shows how black text looks on a background with the XYZ color 22.1026, 25.5338, 3.7636.

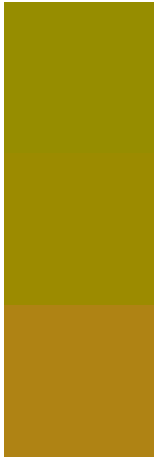


This preview shows how white text looks on a background with the XYZ color 22.1026, 25.5338,

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

22.1026, 25.5338, 3.7636

Protanopia

22.9429, 25.5332, 3.7192

Deuteranopia

25.9218, 25.3971, 4.1977



Tritanopia

27.2221, 25.5266, 28.6917

Trichromacy



Original Color

22.1026, 25.5338, 3.7636

Protanomaly

22.7045, 25.6262, 3.7497

Deuteranomaly

24.4625, 25.4640, 4.0065

Tritanomaly

24.2197, 25.1341, 13.2477

Monochromacy



Original Color

22.1026, 25.5338, 3.7636

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

20.0261, 22.6034, 11.0920

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.1026, 25.5338, 3.7636 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(150, 141, 0)` looks like.

```
.text, #text, p{  
    color:rgb(150, 141, 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(150, 141, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 141, 0) }
```

Border

The CSS property to change the border of an element to XYZ 22.1026, 25.5338, 3.7636 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(150, 141, 0) }
```


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

```
.border{ border-color:rgb(150, 141, 0) }
```

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

Here you see how a box with a 4 pixel rgb(150, 141, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 141, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 141, 0);  
box-shadow:4px 4px 4px 4px rgb(150, 141,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 22.1026, 25.5338, 3.7636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 141, 0) }
```

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

```
.background{ background-color: rgb(150,  
141, 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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