

Converting Colors

XYZ(22.4096, 24.5258, 7.9680)

Have a look what the booklet for
XYZ(22.4096, 24.5258, 7.9680)
contains.

XYZ(22.4090, 24.5246, 7.9675)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(22.4090, 24.5246,
7.9675)**

Conversions

Conversions Part 1

Format	Color
Hex	97883D
RGB	151, 136, 61
RGB Percent	59%, 53%, 24%
CMY	0.4078, 0.4666, 0.7608
CMYK	0.00, 0.10, 0.60, 0.41
HSL	50°, 42%, 42%
HSV	50°, 60%, 59%
XYZ	22.4090, 24.5246, 7.9675
YIQ	131.9350, 33.0150, -20.1450

Conversions

Conversions Part 2

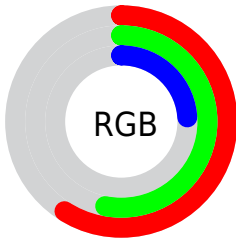
Format	Color
RYB	79, 151, 61
Decimal	9930813
CIELab	56.61, -4.09, 41.53
CIElCh	57, 41.735, 95.617
Yxy	24.5246, 0.4082, 0.4467
Android (android.graphics.Color)	4288120893 (0xFF97883D)
YUV	131.9350, -34.9710, 16.7200
Hunter-Lab	49.5223, -5.8923, 25.1266

Details

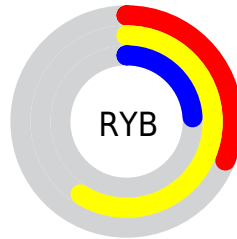
The XYZ color **22.4090, 24.5246, 7.9675** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **10.0948, 8.3951, 30.3664**, and the grayscale version is **22.0230, 23.1699, 25.2321**.

A 20% lighter version of the original color is **46.7990, 50.8083, 22.3793**, and **8.3873, 9.3775, 1.6264** is the 20% darker color. If you saturate the color by 10%, you get **21.7082, 23.6849, 6.0021**, and if you desaturate by 10%, it is **23.2338, 25.4291, 10.5398**.

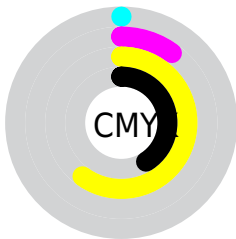
Distribution



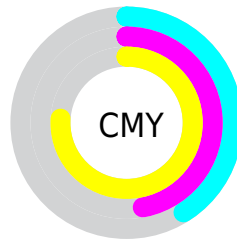
- Red (59%)
- Green (53%)
- Blue (24%)



- Red (31%)
- Yellow (59%)
- Blue (24%)



- Cyan (0%)
- Magenta (10%)
- Yellow (60%)
- Black (41%)



- Cyan (41%)
- Magenta (47%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4090, 24.5246, 7.9675 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 22.4090, 24.5246, 7.9675 by changing the saturation by 10% instead.

■ 22.4090, 24.5246,
7.9675

■ 22.4090, 24.5246,
7.9675

257.2672,
275.4621, 185.4020

■ 14.2760, 15.7232,
3.9867

■ 46.8949, 50.8849,
22.4398

■ 8.3959, 9.3285,
1.6180

■ 63.9785, 69.2127,
33.7684

■ 4.4032, 4.9561,
0.3036

■ 84.7764, 91.4847,
48.3833

■ 1.9327, 2.2215,
0.0000

■ 109.6539,
118.0853, 66.7031

■ 0.5957, 0.7317,
0.0000

■ 138.9764,
149.3989, 89.1464

■ 0.0000, 0.0000,
0.0000

■ 173.1092,

185.8100, 116.1316

212.4177,
227.7029, 148.0772

■ 22.4090, 24.5246,
7.9675

■ 22.4090, 24.5246,
7.9675

■ 21.7082, 23.6849,
6.0021

■ 23.2338, 25.4291,
10.5398

■ 21.1198, 22.9023,
4.5902

■ 24.1897, 26.3985,
13.7638

■ 20.6326, 22.1735,
3.6711

■ 25.2853, 27.4373,
17.6814

■ 20.2190, 21.4871,
3.0991

■ 26.5278, 28.5484,
22.3309

■ 20.2029, 21.4601,
3.0774

■ 27.9239, 29.7347,
27.7476

■ 29.4801, 30.9987,
33.9647

■ 31.2023, 32.3430,
41.0132

■ 33.0961, 33.7698,
48.9225

■ 35.1669, 35.2814,
57.7209

Harmonies

Analogous

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



27.3755, 24.5246, 9.0168



22.4090, 24.5246, 7.9675



18.2900, 24.5246, 10.3448

Triad

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



22.4090, 24.5246, 7.9675



16.5212, 24.5246, 45.4713



32.8768, 24.5246, 39.3156

Complementary

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



22.4090, 24.5246, 7.9675



10.0948, 8.3951, 30.3664

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.



29.1733, 24.5246, 54.8293



22.4090, 24.5246, 7.9675



19.6682, 24.5246, 59.1616

Square

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



22.4090, 24.5246, 7.9675



15.2066, 24.5246, 29.4034



24.2346, 24.5246, 63.0752



33.8765, 24.5246, 24.1734

Rectangle

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



22.4090, 24.5246, 7.9675



16.4298, 24.5246, 14.2824



24.2346, 24.5246, 63.0752



31.8839, 24.5246, 44.8026

Sweetspot

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



22.4096, 24.5258, 7.9680



47.8032, 51.3832, 41.1199



15.7359, 10.4388, 8.0233



10.7198, 11.5521, 8.7921



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



22.4096, 24.5258, 7.9680



38.4494, 41.8668, 9.6663



19.7942, 26.5351, 8.4937



6.6213, 7.0476, 6.6172



17.2049, 18.2922, 2.6239



0.2777, 0.3145, 0.0461

Inverse Universe

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



10.0948, 8.3951, 30.3664



14.3405, 10.3380, 53.6733



11.5693, 7.7963, 30.1731



5.9635, 6.1844, 7.8084



5.0659, 2.5284, 25.1287



0.0941, 0.0745, 0.3818

Previews

White Background



This preview shows how the XYZ color 22.4090, 24.5246, 7.9675 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 22.4090, 24.5246, 7.9675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

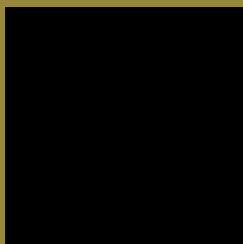
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.4090, 24.5246, 7.9675

Background



This preview shows how black text looks on a background with the XYZ color 22.4090, 24.5246, 7.9675.



This preview shows how white text looks on a background with the XYZ color 22.4090, 24.5246,

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

22.4090, 24.5246, 7.9675

Protanopia

22.4090, 24.5246, 7.9675

Deuteranopia

24.8959, 24.3842, 8.0971



Tritanopia

26.4072, 24.5424, 27.3901

Trichromacy



Original Color

22.4090, 24.5246, 7.9675

Protanomaly

22.4090, 24.5246, 7.9675

Deuteranomaly

24.0211, 24.5317, 8.0265

Tritanomaly

24.4483, 24.3270, 18.1589

Monochromacy



Original Color

22.4090, 24.5246, 7.9675

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.6365, 23.3046, 16.9935

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4090, 24.5246, 7.9675 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(151, 136, 61)` looks like.

```
.text, #text, p{  
    color:rgb(151, 136, 61)  
}
```

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(151, 136, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 136, 61) }
```

Border

The CSS property to change the border of an element to XYZ 22.4090, 24.5246, 7.9675 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(151, 136, 61) }
```


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

```
.border{ border-color:rgb(151, 136, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 136, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 136, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 136, 61);  
box-shadow:4px 4px 4px 4px rgb(151, 136,  
61) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4090, 24.5246, 7.9675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 136, 61) }
```

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

```
.background{ background-color: rgb(151,  
136, 61) }
```

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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