

Converting Colors

XYZ(22.4199, 25.5768, 11.5556)

Have a look what the booklet for
XYZ(22.4199, 25.5768, 11.5556)
contains.

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Color

**XYZ(22.3378, 25.4835,
11.5261)**

Conversions

Conversions Part 1

Format	Color
Hex	8F8D51
RGB	143, 141, 81
RGB Percent	56%, 55%, 32%
CMY	0.4392, 0.4470, 0.6823
CMYK	0.00, 0.01, 0.43, 0.44
HSL	58°, 28%, 44%
HSV	58°, 43%, 56%
XYZ	22.3378, 25.4835, 11.5261
YIQ	134.7580, 20.4520, -18.2360

Conversions

Conversions Part 2

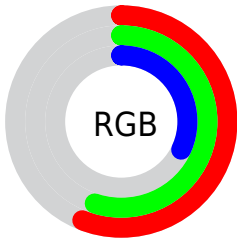
Format	Color
RYB	83, 143, 81
Decimal	9407825
CIELab	57.54, -8.44, 32.19
CIELCh	58, 33.277, 104.691
Yxy	25.4835, 0.3764, 0.4294
Android (android.graphics.Color)	4287597905 (0xFF8F8D51)
YUV	134.7580, -26.5027, 7.2282
Hunter-Lab	50.4812, -9.3563, 21.7995

Details

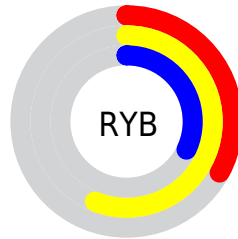
The XYZ color **22.3378, 25.4835, 11.5261** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **11.4445, 9.9188, 27.2979**, and the grayscale version is **23.0298, 24.2291, 26.3855**.

A 20% lighter version of the original color is **46.6772, 52.2280, 29.0936**, and **8.3442, 9.8218, 2.9694** is the 20% darker color. If you saturate the color by 10%, you get **21.7896, 25.1567, 8.9707**, and if you desaturate by 10%, it is **23.0005, 25.8583, 14.6775**.

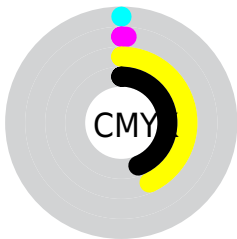
Distribution



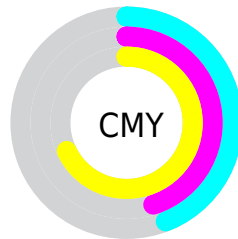
- Red (56%)
- Green (55%)
- Blue (32%)



- Red (33%)
- Yellow (56%)
- Blue (32%)



- Cyan (0%)
- Magenta (1%)
- Yellow (43%)
- Black (44%)



- Cyan (44%)
- Magenta (45%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3378, 25.4835, 11.5261 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 22.3378, 25.4835, 11.5261 by changing the saturation by 10% instead.

■ 22.3378, 25.4835,
11.5261

■ 22.3378, 25.4835,
11.5261

256.9046,
280.2373, 212.1075

■ 14.2233, 16.4376,
6.3033

■ 46.7784, 52.4405,
29.2804

■ 8.3589, 9.8344,
2.9586

■ 63.8352, 71.1205,
42.6489

■ 4.3792, 5.2893,
1.0735

■ 84.6035, 93.7806,
59.5697

■ 1.9188, 2.4180,
0.0000

■ 109.4486,
120.8053, 80.4614

■ 0.5877, 0.8351,
0.0000

■ 138.7359,
152.5789, 105.7425

■ 0.0000, 0.0000,
0.0000

172.8308,

189.4858, 135.8315

212.0986,
231.9105, 171.1470

■ 22.3378, 25.4835,
11.5261

■ 22.3378, 25.4835,
11.5261

■ 21.7896, 25.1567,
8.9707

■ 23.0005, 25.8583,
14.6775

■ 21.3469, 24.8717,
6.9721

■ 23.7823, 26.2804,
18.4576

■ 21.0022, 24.6263,
5.4888

■ 24.6900, 26.7532,
22.8989

■ 20.7467, 24.4171,
4.4729

■ 25.7291, 27.2790,
28.0308

■ 20.5693, 24.2395,
3.8674

■ 26.9048, 27.8600,
33.8812

■ 20.4731, 24.1305,
3.5786

■ 28.2223, 28.4981,
40.4765

■ 29.6863, 29.1953,
47.8415

■ 31.3012, 29.9533,
56.0001

■ 33.0714, 30.7738,
64.9751

Harmonies

Analogous

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



26.2915, 25.4835, 11.5600



22.3378, 25.4835, 11.5261



19.2430, 25.4835, 14.9342

Triad

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



22.3378, 25.4835, 11.5261



19.1932, 25.4835, 46.1213



32.3487, 25.4835, 33.9237

Complementary

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



22.3378, 25.4835, 11.5261



11.4445, 9.9188, 27.2979

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.



29.9918, 25.4835, 46.3552



22.3378, 25.4835, 11.5261



22.2627, 25.4835, 54.6015

Square

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



22.3378, 25.4835, 11.5261



17.5666, 25.4835, 33.6645



26.2078, 25.4835, 54.6972



32.3745, 25.4835, 22.5674

Rectangle

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



22.3378, 25.4835, 11.5261



17.9592, 25.4835, 19.4168



26.2078, 25.4835, 54.6972



31.7922, 25.4835, 38.1731

Sweetspot

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



22.3384, 25.4847, 11.5266



44.2300, 47.9181, 41.0773



15.8342, 12.3504, 9.7468



10.0632, 10.9477, 9.0284



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



22.3384, 25.4847, 11.5266



39.0446, 45.0659, 16.1696



18.2560, 23.8210, 11.4207



5.8249, 6.2560, 5.7899



18.1051, 21.3420, 3.1652



0.1761, 0.2101, 0.0313

Inverse Universe

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



11.4445, 9.9188, 27.2979



16.9004, 13.4286, 48.2392



14.3227, 11.1791, 27.3895



5.1427, 5.2811, 6.7771



4.4310, 1.8480, 23.1002



0.0446, 0.0221, 0.2216

Previews

White Background



This preview shows how the XYZ color 22.3378, 25.4835, 11.5261 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 22.3378, 25.4835, 11.5261 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 22.3378, 25.4835, 11.5261

Background



This preview shows how black text looks on a background with the XYZ color 22.3378, 25.4835, 11.5261.



This preview shows how white text looks on a background with the XYZ color 22.3378, 25.4835,

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

22.3378, 25.4835, 11.5261

Protanopia

23.2989, 25.3355, 11.2517

Deuteranopia

25.9610, 25.4519, 11.7280



Tritanopia

26.1368, 25.5478, 29.9392

Trichromacy



Original Color

22.3378, 25.4835, 11.5261

Protanomaly

22.8933, 25.3403, 11.2740

Deuteranomaly

24.4850, 25.3081, 11.5771

Tritanomaly

24.4295, 25.4748, 21.7187

Monochromacy



Original Color

22.3378, 25.4835, 11.5261

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.5214, 24.5324, 19.7679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3378, 25.4835, 11.5261 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(143, 141, 81)` looks like.

```
.text, #text, p{  
    color:rgb(143, 141, 81)  
}
```

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(143, 141, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 141, 81) }
```

Border

The CSS property to change the border of an element to XYZ 22.3378, 25.4835, 11.5261 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(143, 141, 81) }
```


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

```
.border{ border-color:rgb(143, 141, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 141, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 141, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 141, 81);  
box-shadow:4px 4px 4px 4px rgb(143, 141,  
81) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3378, 25.4835, 11.5261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 141, 81) }
```

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

```
.background{ background-color: rgb(143,  
141, 81) }
```

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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