

Converting Colors

XYZ(23.0406, 25.8943, 19.4047)

Have a look what the booklet for
XYZ(23.0406, 25.8943, 19.4047)
contains.

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Color

**XYZ(22.9702, 25.8566,
19.4030)**

Conversions

Conversions Part 1

Format	Color
Hex	898E71
RGB	137, 142, 113
RGB Percent	54%, 56%, 44%
CMY	0.4627, 0.4431, 0.5569
CMYK	0.04, 0.00, 0.20, 0.44
HSL	70°, 11%, 50%
HSV	70°, 20%, 56%
XYZ	22.9702, 25.8566, 19.4030
YIQ	137.1990, 6.3290, -10.0790

Conversions

Conversions Part 2

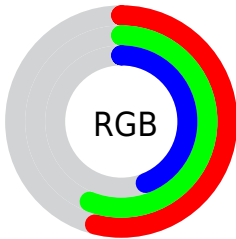
Format	Color
RYB	113, 142, 118
Decimal	9014897
CIELab	57.90, -7.09, 14.87
CIELCh	58, 16.474, 115.508
Yxy	25.8566, 0.3367, 0.3790
Android (android.graphics.Color)	4287204977 (0xFF898E71)
YUV	137.1990, -11.9301, -0.1745
Hunter-Lab	50.8494, -8.3526, 12.9708

Details

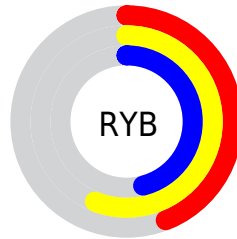
The XYZ color **22.9702, 25.8566, 19.4030** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.2598, 17.6155, 28.0303**, and the grayscale version is **23.8958, 25.1402, 27.3777**.

A 20% lighter version of the original color is **48.0173, 53.2728, 43.3492**, and **8.7118, 10.0622, 6.4841** is the 20% darker color. If you saturate the color by 10%, you get **21.8358, 25.3578, 15.4983**, and if you desaturate by 10%, it is **24.2402, 26.4124, 23.9682**.

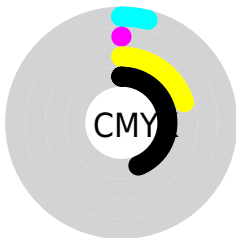
Distribution



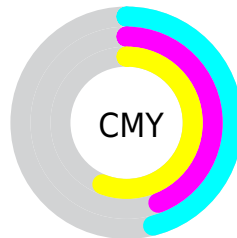
- Red (54%)
- Green (56%)
- Blue (44%)



- Red (44%)
- Yellow (56%)
- Blue (46%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (44%)



- Cyan (46%)
- Magenta (44%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.9702, 25.8566, 19.4030 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 22.9702, 25.8566, 19.4030 by changing the saturation by 10% instead.

■ 22.9702, 25.8566,
19.4030

■ 22.9702, 25.8566,
19.4030

260.1101,
282.0774, 261.1611

■ 14.6921, 16.7164,
11.7821

■ 47.8114, 53.0435,
43.2597

■ 8.6885, 10.0325,
6.4747

■ 65.1052, 71.8590,
60.3326

■ 4.5940, 5.4205,
3.0624

■ 86.1349, 94.6684,
81.3932

■ 2.0434, 2.4960,
1.1266

■ 111.2660,
121.8561, 106.8600

■ 0.6581, 0.8747,
0.0000

140.8636,
153.8064, 137.1517

■ 0.0000, 0.0000,
0.0000

175.2933,

190.9038, 172.6868

214.9203,
233.5327, 213.8837

■ 22.9702, 25.8566,
19.4030

■ 22.9702, 25.8566,
19.4030

■ 21.8358, 25.3578,
15.4983

■ 24.2402, 26.4124,
23.9682

■ 20.8290, 24.9103,
12.2218

■ 25.6493, 27.0240,
29.2208

■ 19.9444, 24.5127,
9.5411

■ 27.2033, 27.6947,
35.1881

■ 19.1749, 24.1621,
7.4202

■ 28.9071, 28.4263,
41.8957

■ 18.5129, 23.8556,
5.8193

■ 30.7653, 29.2208,
49.3678

■ 17.9499, 23.5897,
4.6933

■ 32.7824, 30.0799,
57.6274

■ 17.4756, 23.3603,
3.9893

■ 34.9626, 31.0054,
66.6967

■ 17.0782, 23.1643,
3.5710

■ 37.3101, 31.9988,
76.5969

■ 39.8287, 33.0619,
87.3485

Harmonies

Analogous

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



24.8758, 25.8566, 18.6097



22.9702, 25.8566, 19.4030



21.5653, 25.8566, 22.4111

Triad

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



22.9702, 25.8566, 19.4030



22.4793, 25.8566, 38.1471



28.5766, 25.8566, 29.0174

Complementary

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



22.9702, 25.8566, 19.4030



18.2598, 17.6155, 28.0303

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.



27.8545, 25.8566, 34.8013



22.9702, 25.8566, 19.4030



24.2785, 25.8566, 40.5037

Square

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



22.9702, 25.8566, 19.4030



21.2927, 25.8566, 33.1228



26.2548, 25.8566, 39.2041



28.1804, 25.8566, 23.7078

Rectangle

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



22.9702, 25.8566, 19.4030



21.0660, 25.8566, 25.5081



26.2548, 25.8566, 39.2041



28.4556, 25.8566, 30.9756

Sweetspot

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



22.9709, 25.8577, 19.4036



43.7807, 47.0246, 46.0936



20.5957, 19.8614, 18.3713



9.7485, 10.4900, 10.1834



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



22.9709, 25.8577, 19.4036



39.4560, 45.1345, 30.5633



20.7753, 24.7259, 19.3008



5.7495, 6.2390, 5.7906



15.3463, 20.8039, 3.2067



0.1623, 0.2069, 0.0314

Inverse Universe

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



18.2598, 17.6155, 28.0303



29.4415, 27.6109, 48.9056



20.3564, 18.6963, 28.1284



5.2110, 5.2969, 6.7765



4.7443, 1.9394, 23.1014



0.0584, 0.0253, 0.2215

Previews

White Background



This preview shows how the XYZ color 22.9702, 25.8566, 19.4030 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 22.9702, 25.8566, 19.4030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

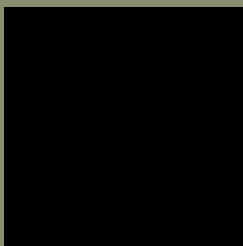
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.9702, 25.8566, 19.4030

Background



This preview shows how black text looks on a background with the XYZ color 22.9702, 25.8566, 19.4030.



This preview shows how white text looks on a background with the XYZ color 22.9702, 25.8566,

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

22.9702, 25.8566, 19.4030

Protanopia

24.3146, 25.9088, 18.7583

Deuteranopia

26.3176, 25.8651, 19.8250



Tritanopia

25.4463, 25.7802, 31.6519

Trichromacy



Original Color

22.9702, 25.8566, 19.4030

Protanomaly

23.8043, 25.8553, 19.0652

Deuteranomaly

24.9318, 25.7816, 19.5819

Tritanomaly

24.4210, 25.7900, 26.6125

Monochromacy



Original Color

22.9702, 25.8566, 19.4030

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.4454, 25.3421, 24.0779

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.9702, 25.8566, 19.4030 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(137, 142, 113)` looks like.

```
.text, #text, p{  
    color:rgb(137, 142, 113)  
}
```

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(137, 142, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 142, 113) }
```

Border

The CSS property to change the border of an element to XYZ 22.9702, 25.8566, 19.4030 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(137, 142, 113) }
```


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

```
.border{ border-color:rgb(137, 142, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 142, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 142, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 142, 113);  
box-shadow:4px 4px 4px 4px rgb(137, 142,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 22.9702, 25.8566, 19.4030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 142, 113) }
```

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

```
.background{ background-color: rgb(137,  
142, 113) }
```

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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