

Converting Colors

XYZ(22.5759, 25.0224, 13.0234)

Have a look what the booklet for
XYZ(22.5759, 25.0224, 13.0234)
contains.

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Color

**XYZ(22.5687, 24.9180,
13.0713)**

Conversions

Conversions Part 1

Format	Color
Hex	918A59
RGB	145, 138, 89
RGB Percent	57%, 54%, 35%
CMY	0.4314, 0.4588, 0.6510
CMYK	0.00, 0.05, 0.39, 0.43
HSL	53°, 24%, 46%
HSV	53°, 39%, 57%
XYZ	22.5687, 24.9180, 13.0713
YIQ	134.5070, 19.9010, -13.7550

Conversions

Conversions Part 2

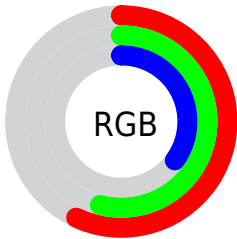
Format	Color
R_{YB}	97, 145, 89
Decimal	9538137
CIE Lab	57.00, -5.02, 27.19
CIE LCh	57, 27.651, 100.455
Yxy	24.9180, 0.3727, 0.4115
Android (android.graphics.Color)	4287728217 (0xFF918A59)
YUV	134.5070, -22.4350, 9.2024
Hunter-Lab	49.9179, -6.6537, 19.4171

Details

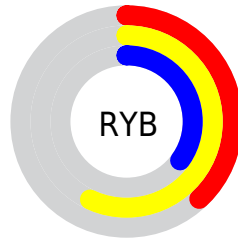
The XYZ color **22.5687, 24.9180, 13.0713** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.4134, 12.5335, 28.5003**, and the grayscale version is **22.9223, 24.1161, 26.2624**.

A 20% lighter version of the original color is **47.1838, 51.4344, 32.2519**, and **8.4218, 9.4738, 3.5752** is the 20% darker color. If you saturate the color by 10%, you get **21.7613, 24.1835, 10.0884**, and if you desaturate by 10%, it is **23.5016, 25.7114, 16.6884**.

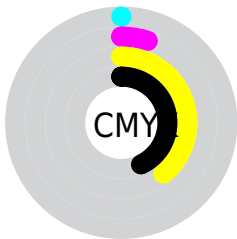
Distribution



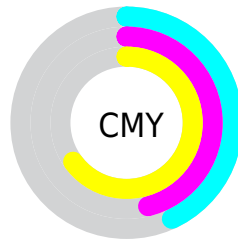
- Red (57%)
- Green (54%)
- Blue (35%)



- Red (38%)
- Yellow (57%)
- Blue (35%)



- Cyan (0%)
- Magenta (5%)
- Yellow (39%)
- Black (43%)



- Cyan (43%)
- Magenta (46%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5687, 24.9180, 13.0713 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 22.5687, 24.9180, 13.0713 by changing the saturation by 10% instead.

■ 22.5687, 24.9180,
13.0713

■ 22.5687, 24.9180,
13.0713

258.0789,
277.4293, 222.5980

■ 14.3943, 16.0160,
7.3464

■ 47.1560, 51.5242,
32.1249

■ 8.4789, 9.5355,
3.5979

■ 64.2997, 69.9971,
46.2906

■ 4.4573, 5.0921,
1.4075

■ 85.1638, 92.4291,
64.1070

■ 1.9639, 2.3014,
0.1475

■ 110.1138,
119.2046, 85.9926

■ 0.6136, 0.7744,
0.0000

■ 139.5149,
150.7080, 112.3660

■ 0.0000, 0.0000,
0.0000

173.7325,

187.3236, 143.6456

213.1321,
229.4360, 180.2501

■ 22.5687, 24.9180,
13.0713

■ 22.5687, 24.9180,
13.0713

■ 21.7613, 24.1835,
10.0884

■ 23.5016, 25.7114,
16.6884

■ 21.0705, 23.5017,
7.7009

■ 24.5647, 26.5630,
20.9724

■ 20.4891, 22.8705,
5.8681

■ 25.7647, 27.4763,
25.9556

■ 20.0082, 22.2864,
4.5436

■ 27.1072, 28.4536,
31.6677

■ 19.6176, 21.7451,
3.6734

■ 28.5976, 29.4972,
38.1367

■ 19.2948, 21.2378,
3.1398

■ 30.2410, 30.6091,
45.3892

■ 19.2516, 21.1688,
3.0713

■ 32.0421, 31.7911,
53.4504

■ 34.0055, 33.0453,
62.3445

■ 36.1357, 34.3734,
72.0945

Harmonies

Analogous

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



25.8349, 24.9180, 13.5273



22.5687, 24.9180, 13.0713



19.8589, 24.9180, 15.6720

Triad

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



22.5687, 24.9180, 13.0713



19.2431, 24.9180, 40.4677



30.0691, 24.9180, 33.5648

Complementary

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



22.5687, 24.9180, 13.0713



13.4134, 12.5335, 28.5003

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.



27.9708, 24.9180, 43.1407



22.5687, 24.9180, 13.0713



21.6556, 24.9180, 47.7143

Square

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



22.5687, 24.9180, 13.0713



18.0586, 24.9180, 30.5076



24.8351, 24.9180, 48.7911



30.3704, 24.9180, 24.0141

Rectangle

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



22.5687, 24.9180, 13.0713



18.6563, 24.9180, 19.2340



24.8351, 24.9180, 48.7911



29.5420, 24.9180, 36.9397

Sweetspot

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



22.5693, 24.9191, 13.0718



45.3318, 48.5992, 43.0947



17.3824, 14.0179, 12.9691



10.0306, 10.7705, 9.3626



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.



22.5693, 24.9191, 13.0718



39.1969, 43.5213, 18.8784



20.3085, 25.2920, 13.2630



5.7829, 6.1720, 5.7759



16.5256, 18.1829, 2.6387



0.1684, 0.1947, 0.0287

Inverse Universe

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



13.4134, 12.5335, 28.5003



20.4971, 18.2327, 50.4125



15.0559, 12.4745, 28.4023



5.1806, 5.3569, 6.7897



4.5824, 2.1508, 23.1507



0.0523, 0.0375, 0.2242

Previews

White Background



This preview shows how the XYZ color 22.5687, 24.9180, 13.0713 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 22.5687, 24.9180, 13.0713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

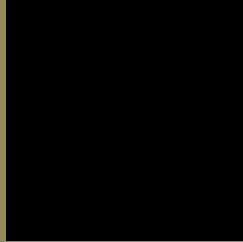
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.5687, 24.9180, 13.0713

Background



This preview shows how black text looks on a background with the XYZ color 22.5687, 24.9180, 13.0713.



This preview shows how white text looks on a background with the XYZ color 22.5687, 24.9180,

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

22.5687, 24.9180, 13.0713

Protanopia

23.1433, 25.0022, 13.0573

Deuteranopia

25.3145, 24.8804, 13.3657



Tritanopia

25.8962, 25.0348, 29.0585

Trichromacy



Original Color

22.5687, 24.9180, 13.0713

Protanomaly

22.9616, 24.9085, 13.0488

Deuteranomaly

24.2752, 24.9565, 13.2105

Tritanomaly

24.4947, 24.8698, 22.2482

Monochromacy



Original Color

22.5687, 24.9180, 13.0713

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.7216, 24.4053, 20.6527

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5687, 24.9180, 13.0713 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(145, 138, 89)` looks like.

```
.text, #text, p{  
    color:rgb(145, 138, 89)  
}
```

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(145, 138, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 138, 89) }
```

Border

The CSS property to change the border of an element to XYZ 22.5687, 24.9180, 13.0713 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(145, 138, 89) }
```


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

```
.border{ border-color:rgb(145, 138, 89) }
```

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

Here you see how a box with a 4 pixel rgb(145, 138, 89) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 138, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 138, 89);  
box-shadow:4px 4px 4px 4px rgb(145, 138,  
89) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5687, 24.9180, 13.0713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 138, 89) }
```

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

```
.background{ background-color: rgb(145,  
138, 89) }
```

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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