

Converting Colors

XYZ(22.5831, 25.0162, 18.6773)

Have a look what the booklet for
XYZ(22.5831, 25.0162, 18.6773)
contains.

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Color

**XYZ(22.5831, 25.0162,
18.6773)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8B6F
RGB	138, 139, 111
RGB Percent	54%, 55%, 44%
CMY	0.4588, 0.4549, 0.5647
CMYK	0.01, 0.00, 0.20, 0.45
HSL	62°, 11%, 49%
HSV	62°, 20%, 55%
XYZ	22.5831, 25.0162, 18.6773
YIQ	135.5090, 8.3920, -8.9200

Conversions

Conversions Part 2

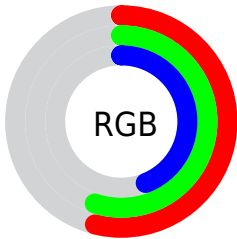
Format	Color
R_{YB}	111, 139, 112
Decimal	9079663
CIE _{Lab}	57.09, -5.36, 14.89
CIE _{LCh}	57, 15.830, 109.809
Yxy	25.0162, 0.3407, 0.3775
Android (android.graphics.Color)	4287269743 (0xFF8A8B6F)
YUV	135.5090, -12.0829, 2.1846
Hunter-Lab	50.0162, -6.9328, 12.8710

Details

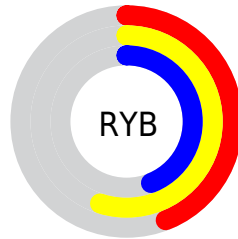
The XYZ color **22.5831, 25.0162, 18.6773** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.0277, 16.6784, 26.7493**, and the grayscale version is **23.2603, 24.4717, 26.6496**.

A 20% lighter version of the original color is **47.1987, 51.5501, 42.1129**, and **8.4941, 9.5783, 6.1037** is the 20% darker color. If you saturate the color by 10%, you get **21.7946, 24.6922, 14.9513**, and if you desaturate by 10%, it is **23.4924, 25.3903, 23.0318**.

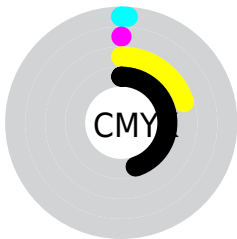
Distribution



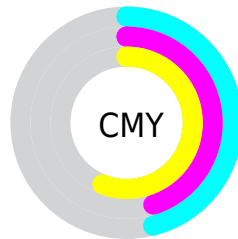
- Red (54%)
- Green (55%)
- Blue (44%)



- Red (44%)
- Yellow (55%)
- Blue (44%)



- Cyan (1%)
- Magenta (0%)
- Yellow (20%)
- Black (45%)



- Cyan (46%)
- Magenta (45%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5831, 25.0162, 18.6773 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 22.5831, 25.0162, 18.6773 by changing the saturation by 10% instead.

■ 22.5831, 25.0162,
18.6773

■ 22.5831, 25.0162,
18.6773

258.1519,
277.9186, 257.0245

■ 14.4050, 16.0891,
11.2629

■ 47.1796, 51.6835,
42.0175

■ 8.4864, 9.5872,
6.1276

■ 64.3286, 70.1925,
58.7804

■ 4.4622, 5.1262,
2.8528

■ 85.1987, 92.6643,
79.4965

■ 1.9668, 2.3215,
1.0199

■ 110.1552,
119.4833, 104.5844

■ 0.6152, 0.7850,
0.0000

139.5634,
151.0338, 134.4626

■ 0.0000, 0.0000,
0.0000

173.7887,

187.7002, 169.5497

213.1964,
229.8671, 210.2641

■ 22.5831, 25.0162,
18.6773

■ 22.5831, 25.0162,
18.6773

■ 21.7946, 24.6922,
14.9513

■ 23.4924, 25.3903,
23.0318

■ 21.1195, 24.4127,
11.8233

■ 24.5257, 25.8132,
28.0401

■ 20.5525, 24.1764,
9.2625

■ 25.6885, 26.2880,
33.7284

■ 20.0871, 23.9809,
7.2350

■ 26.9854, 26.8164,
40.1208

■ 19.7162, 23.8232,
5.7030

■ 28.4207, 27.4002,
47.2400

■ 19.4317, 23.7002,
4.6241

■ 29.9986, 28.0411,
55.1082

■ 19.2241, 23.6079,
3.9484

■ 31.7231, 28.7407,
63.7462

■ 19.0685, 23.5366,
3.5380

■ 33.5979, 29.5005,
73.1742

■ 35.6269, 30.3220,
83.4115

Harmonies

Analogous

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



24.4170, 25.0162, 18.3331



22.5831, 25.0162, 18.6773



21.1430, 25.0162, 21.1365

Triad

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



22.5831, 25.0162, 18.6773



21.5383, 25.0162, 35.8562



27.4821, 25.0162, 29.0953

Complementary

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



22.5831, 25.0162, 18.6773



17.0277, 16.6784, 26.7493

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.



26.6215, 25.0162, 34.4143



22.5831, 25.0162, 18.6773



23.1486, 25.0162, 38.6419

Square

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



22.5831, 25.0162, 18.6773



20.5619, 25.0162, 30.8671



25.0126, 25.0162, 38.0822



27.3112, 25.0162, 23.9058

Rectangle

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



22.5831, 25.0162, 18.6773



20.5694, 25.0162, 23.8468



25.0126, 25.0162, 38.0822



27.3022, 25.0162, 30.9372

Sweetspot

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



22.5838, 25.0173, 18.6778



42.7841, 45.7603, 44.7007



19.3043, 18.2109, 17.5369



9.8352, 10.5347, 10.1875



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.



22.5838, 25.0173, 18.6778



39.7971, 44.5340, 30.3908



20.4246, 23.9042, 18.5768



5.4136, 5.8360, 5.3935



17.2124, 21.2433, 3.1932



0.1169, 0.1424, 0.0213

Inverse Universe

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



17.0277, 16.6784, 26.7493



28.0498, 26.9023, 47.4573



18.9398, 17.6641, 26.8387



4.7902, 4.9002, 6.2992



4.2655, 1.7131, 22.1515



0.0302, 0.0124, 0.1472

Previews

White Background



This preview shows how the XYZ color 22.5831, 25.0162, 18.6773 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 22.5831, 25.0162, 18.6773 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

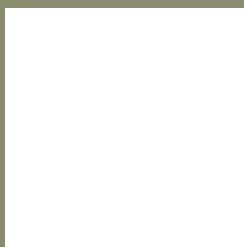
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5831, 25.0162, 18.6773

Background



This preview shows how black text looks on a background with the XYZ color 22.5831, 25.0162, 18.6773.



This preview shows how white text looks on a background with the XYZ color 22.5831, 25.0162,

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

22.5831, 25.0162, 18.6773

Protanopia

23.4372, 25.0369, 18.3492

Deuteranopia

25.4740, 25.0433, 18.8205



Tritanopia

24.9636, 24.9342, 30.2851

Trichromacy



Original Color

22.5831, 25.0162, 18.6773

Protanomaly

23.0583, 25.0535, 18.3724

Deuteranomaly

24.3511, 25.0771, 18.8862

Tritanomaly

24.0223, 24.9645, 25.7428

Monochromacy



Original Color

22.5831, 25.0162, 18.6773

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.0930, 24.7420, 23.6372

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5831, 25.0162, 18.6773 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(138, 139, 111)` looks like.

```
.text, #text, p{  
    color:rgb(138, 139, 111)  
}
```

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(138, 139, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 139, 111) }
```

Border

The CSS property to change the border of an element to XYZ 22.5831, 25.0162, 18.6773 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(138, 139, 111) }
```


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

```
.border{ border-color:rgb(138, 139, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 139, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 139, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 139, 111);  
box-shadow:4px 4px 4px 4px rgb(138, 139,  
111) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5831, 25.0162, 18.6773 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 139, 111) }
```

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

```
.background{ background-color: rgb(138,  
139, 111) }
```

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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