

Converting Colors

XYZ(22.5564, 25.7181, 16.7208)

Have a look what the booklet for
XYZ(22.5564, 25.7181, 16.7208)
contains.

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Color

**XYZ(22.6024, 25.7285,
16.6068)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8E67
RGB	138, 142, 103
RGB Percent	54%, 56%, 40%
CMY	0.4588, 0.4431, 0.5961
CMYK	0.03, 0.00, 0.27, 0.44
HSL	66°, 16%, 48%
HSV	66°, 27%, 56%
XYZ	22.6024, 25.7285, 16.6068
YIQ	136.3580, 10.1350, -12.9770

Conversions

Conversions Part 2

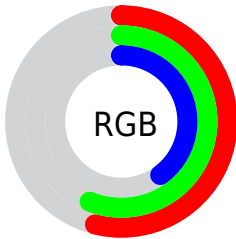
Format	Color
R_{YB}	103, 142, 107
Decimal	9080423
CIE Lab	57.78, -8.24, 20.35
CIE LCh	58, 21.951, 112.044
Yxy	25.7285, 0.3481, 0.3962
Android (android.graphics.Color)	4287270503 (0xFF8A8E67)
YUV	136.3580, -16.4455, 1.4400
Hunter-Lab	50.7233, -9.2257, 16.0947

Details

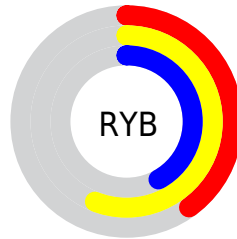
The XYZ color **22.6024, 25.7285, 16.6068** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.7971, 14.7800, 27.6128**, and the grayscale version is **23.5937, 24.8224, 27.0316**.

A 20% lighter version of the original color is **47.3109, 53.0194, 38.3121**, and **8.4714, 9.9661, 5.2185** is the 20% darker color. If you saturate the color by 10%, you get **21.7101, 25.3448, 13.1552**, and if you desaturate by 10%, it is **23.6204, 26.1646, 20.6972**.

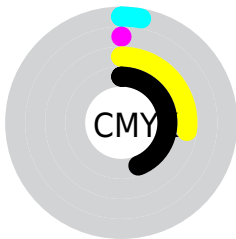
Distribution



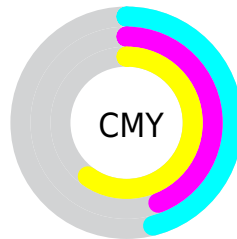
- Red (54%)
- Green (56%)
- Blue (40%)



- Red (40%)
- Yellow (56%)
- Blue (42%)



- Cyan (3%)
- Magenta (0%)
- Yellow (27%)
- Black (44%)



- Cyan (46%)
- Magenta (44%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6024, 25.7285, 16.6068 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 22.6024, 25.7285, 16.6068 by changing the saturation by 10% instead.

■ 22.6024, 25.7285,
16.6068

■ 22.6024, 25.7285,
16.6068

258.2499,
281.4467, 244.8629

■ 14.4193, 16.6206,
9.7956

■ 47.2111, 52.8366,
38.4298

■ 8.4965, 9.9644,
5.1598

■ 64.3674, 71.6057,
54.2787

■ 4.4687, 5.3754,
2.2809

■ 85.2455, 94.3639,
73.9772

■ 1.9706, 2.4691,
0.7205

■ 110.2107,
121.4957, 97.9438

■ 0.6174, 0.8611,
0.0000

139.6284,
153.3855, 126.5972

■ 0.0000, 0.0000,
0.0000

173.8639,

190.4177, 160.3558

213.2826,
232.9767, 199.6382

■ 22.6024, 25.7285,
16.6068

■ 22.6024, 25.7285,
16.6068

■ 21.7101, 25.3448,
13.1552

■ 23.6204, 26.1646,
20.6972

■ 20.9353, 25.0076,
10.3087

■ 24.7677, 26.6520,
25.4548

■ 20.2720, 24.7153,
8.0328

■ 26.0504, 27.1938,
30.9082

■ 19.7130, 24.4652,
6.2887

■ 27.4734, 27.7922,
37.0838

■ 19.2499, 24.2537,
5.0333

■ 29.0417, 28.4491,
44.0066

■ 18.8731, 24.0772,
4.2163

■ 30.7596, 29.1662,
51.7005

■ 18.5649, 23.9284,
3.7435

■ 32.6316, 29.9453,
60.1883

■ 18.4898, 23.8920,
3.6371

■ 34.6618, 30.7881,
69.4919

■ 36.8542, 31.6961,
79.6322

Harmonies

Analogous

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



25.1618, 25.7285, 15.9656



22.6024, 25.7285, 16.6068



20.6747, 25.7285, 20.0071

Triad

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



22.6024, 25.7285, 16.6068



21.4699, 25.7285, 41.0757



29.8201, 25.7285, 30.0698

Complementary

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



22.6024, 25.7285, 16.6068



15.7971, 14.7800, 27.6128

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.



28.6683, 25.7285, 37.9144



22.6024, 25.7285, 16.6068



23.7599, 25.7285, 44.9719

Square

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



22.6024, 25.7285, 16.6068



20.0543, 25.7285, 33.8172



26.4044, 25.7285, 43.7215



29.4547, 25.7285, 22.9158

Rectangle

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



22.6024, 25.7285, 16.6068



19.9462, 25.7285, 23.7765



26.4044, 25.7285, 43.7215



29.5948, 25.7285, 32.7272

Sweetspot

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



22.6031, 25.7296, 16.6073



43.5239, 46.9326, 44.2578



18.8516, 17.2253, 15.1636



9.6569, 10.4553, 9.6160



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.



22.6031, 25.7296, 16.6073



38.8518, 44.9373, 25.3689



19.6750, 24.2202, 16.4703



5.7858, 6.2577, 5.7923



16.6091, 21.4549, 3.2658



0.1690, 0.2104, 0.0317

Inverse Universe

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



15.7971, 14.7800, 27.6128



24.7827, 22.2981, 48.1256



18.3968, 16.1202, 27.7345



5.1778, 5.2798, 6.7750



4.5629, 1.8458, 23.0929



0.0517, 0.0218, 0.2212

Previews

White Background



This preview shows how the XYZ color 22.6024, 25.7285, 16.6068 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 22.6024, 25.7285, 16.6068 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

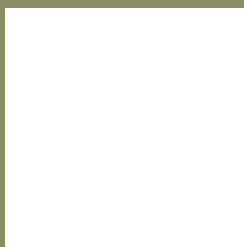
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.6024, 25.7285, 16.6068

Background



This preview shows how black text looks on a background with the XYZ color 22.6024, 25.7285, 16.6068.



This preview shows how white text looks on a background with the XYZ color 22.6024, 25.7285,

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

22.6024, 25.7285, 16.6068

Protanopia

23.9760, 25.7944, 16.0271

Deuteranopia

26.0416, 25.5815, 16.9298



Tritanopia

25.5722, 25.6442, 31.2058

Trichromacy



Original Color

22.6024, 25.7285, 16.6068

Protanomaly

23.4534, 25.7352, 16.3016

Deuteranomaly

24.6293, 25.4778, 16.7163

Tritanomaly

24.3405, 25.5664, 25.1247

Monochromacy



Original Color

22.6024, 25.7285, 16.6068

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.0431, 24.9506, 22.6702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6024, 25.7285, 16.6068 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, 142, 103)` looks like.

```
.text, #text, p{  
    color:rgb(138, 142, 103)  
}
```

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, 142, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 142, 103) }
```

Border

The CSS property to change the border of an element to XYZ 22.6024, 25.7285, 16.6068 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, 142, 103) }
```


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

```
.border{ border-color:rgb(138, 142, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 142, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 142, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 142, 103);  
box-shadow:4px 4px 4px 4px rgb(138, 142,  
103) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6024, 25.7285, 16.6068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 142, 103) }
```

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

```
.background{ background-color: rgb(138,  
142, 103) }
```

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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