

Converting Colors

XYZ(22.5390, 24.1064, 20.2584)

Have a look what the booklet for
XYZ(22.5390, 24.1064, 20.2584)
contains.

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Color

**XYZ(22.5223, 24.1013,
20.2946)**

Conversions

Conversions Part 1

Format	Color
Hex	8B8775
RGB	139, 135, 117
RGB Percent	55%, 53%, 46%
CMY	0.4549, 0.4706, 0.5412
CMYK	0.00, 0.03, 0.16, 0.45
HSL	49°, 9%, 50%
HSV	49°, 16%, 55%
XYZ	22.5223, 24.1013, 20.2946
YIQ	134.1440, 8.1620, -4.7500

Conversions

Conversions Part 2

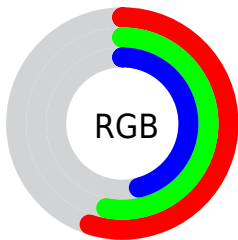
Format	Color
R_{YB}	122, 139, 117
Decimal	9144181
CIE Lab	56.19, -1.75, 10.22
CIE LCh	56, 10.369, 99.741
Yxy	24.1013, 0.3366, 0.3602
Android (android.graphics.Color)	4287334261 (0xFF8B8775)
YUV	134.1440, -8.4520, 4.2587
Hunter-Lab	49.0931, -4.0229, 9.8552

Details

The XYZ color **22.5223, 24.1013, 20.2946** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **18.8336, 19.3202, 27.1627**, and the grayscale version is **22.7415, 23.9258, 26.0552**.

A 20% lighter version of the original color is **47.1370, 50.1685, 44.7352**, and **8.4425, 9.0505, 6.9322** is the 20% darker color. If you saturate the color by 10%, you get **21.4171, 23.1029, 16.1891**, and if you desaturate by 10%, it is **23.7586, 25.1671, 25.0431**.

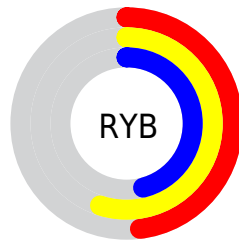
Distribution



Red (55%)

Green (53%)

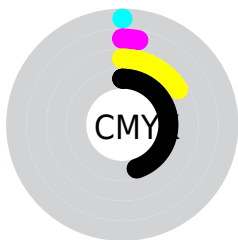
Blue (46%)



Red (48%)

Yellow (55%)

Blue (46%)

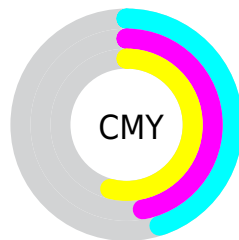


Cyan (0%)

Magenta (3%)

Yellow (16%)

Black (45%)



Cyan (45%)

Magenta (47%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5223, 24.1013, 20.2946 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 22.5223, 24.1013, 20.2946 by changing the saturation by 10% instead.

■ 22.5223, 24.1013,
20.2946

■ 22.5223, 24.1013,
20.2946

257.8433,
273.3322, 266.1623

■ 14.3599, 15.4088,
12.4232

■ 47.0802, 50.1955,
44.7760

■ 8.4548, 9.1068,
6.9065

■ 64.2064, 68.3659,
62.2230

■ 4.4416, 4.8109,
3.3262

■ 85.0513, 90.4644,
83.6991

■ 1.9548, 2.1367,
1.2635

109.9803,
116.8754, 109.6226

■ 0.6084, 0.6852,
0.0316

139.3585,
147.9833, 140.4121

■ 0.0000, 0.0000,
0.0000

173.5516,

184.1725, 176.4862

212.9247,
225.8273, 218.2634

■ 22.5223, 24.1013,
20.2946

■ 22.5223, 24.1013,
20.2946

■ 21.4171, 23.1029,
16.1891

■ 23.7586, 25.1671,
25.0431

■ 20.4356, 22.1665,
12.6970

■ 25.1290, 26.2991,
30.4596

■ 19.5727, 21.2908,
9.7887

■ 26.6390, 27.5006,
36.5692

■ 18.8220, 20.4730,
7.4314

■ 28.2931, 28.7734,
43.3958

■ 18.1768, 19.7104,
5.5891

■ 30.0957, 30.1192,
50.9616

■ 17.6293, 18.9998,
4.2215

■ 32.0508, 31.5399,
59.2883

■ 17.1707, 18.3376,
3.2825

■ 34.1625, 33.0371,
68.3965

■ 16.7876, 17.7183,
2.7017

■ 36.4345, 34.6125,
78.3060

■ 16.6365, 17.4671,
2.4946

■ 38.8706, 36.2675,
89.0358

Harmonies

Analogous

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



23.7097, 24.1013, 20.5579



22.5223, 24.1013, 20.2946



21.4745, 24.1013, 21.5154

Triad

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



22.5223, 24.1013, 20.2946



21.1914, 24.1013, 30.6623



25.1237, 24.1013, 28.5793

Complementary

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



22.5223, 24.1013, 20.2946



18.8336, 19.3202, 27.1627

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.



24.4030, 24.1013, 31.6152



22.5223, 24.1013, 20.2946



22.1237, 24.1013, 32.8882

Square

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



22.5223, 24.1013, 20.2946



20.7239, 24.1013, 27.3675



23.2972, 24.1013, 33.2512



25.2395, 24.1013, 25.1482

Rectangle

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



22.5223, 24.1013, 20.2946



20.9860, 24.1013, 23.0742



23.2972, 24.1013, 33.2512



24.9430, 24.1013, 29.6877

Sweetspot

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



22.5229, 24.1024, 20.2951



42.7154, 45.2113, 45.5038



20.4622, 19.5932, 20.8036



9.8091, 10.3895, 10.3543



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.



22.5229, 24.1024, 20.2951



39.5981, 42.5079, 33.5780



21.9646, 24.6579, 20.4318



5.3551, 5.6931, 5.3690



15.0265, 15.7874, 2.2553



0.1091, 0.1235, 0.0181

Inverse Universe

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



18.8336, 19.3202, 27.1627



31.6905, 32.2586, 48.2992



19.3291, 18.8696, 27.0496



4.8434, 5.0298, 6.3214



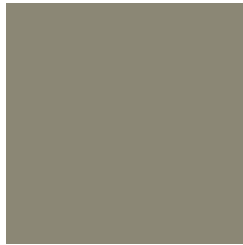
4.5345, 2.3393, 22.2582



0.0380, 0.0313, 0.1505

Previews

White Background



This preview shows how the XYZ color 22.5223, 24.1013, 20.2946 looks on a white background.

Color Contrast Check

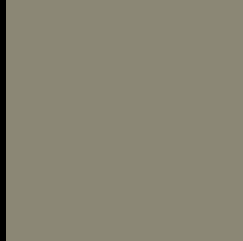
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5223, 24.1013, 20.2946 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

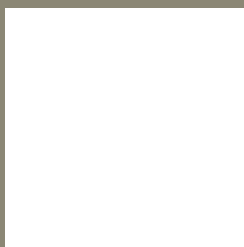
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5223, 24.1013, 20.2946

Background



This preview shows how black text looks on a background with the XYZ color 22.5223, 24.1013, 20.2946.



This preview shows how white text looks on a background with the XYZ color 22.5223, 24.1013,

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

22.5223, 24.1013, 20.2946

Protanopia

22.7205, 23.9973, 20.2641

Deuteranopia

24.5791, 24.1433, 20.5042



Tritanopia

24.1541, 23.9364, 28.9383

Trichromacy



Original Color

22.5223, 24.1013, 20.2946

Protanomaly

22.5512, 23.9100, 20.2561

Deuteranomaly

23.9157, 24.2001, 20.5501

Tritanomaly

23.4694, 23.8587, 25.5585

Monochromacy



Original Color

22.5223, 24.1013, 20.2946

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.5747, 23.8429, 23.8344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5223, 24.1013, 20.2946 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(139, 135, 117)` looks like.

```
.text, #text, p{  
    color:rgb(139, 135, 117)  
}
```

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(139, 135, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 135, 117) }
```

Border

The CSS property to change the border of an element to XYZ 22.5223, 24.1013, 20.2946 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(139, 135, 117) }
```


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

```
.border{ border-color:rgb(139, 135, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 135, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 135, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 135, 117);  
box-shadow:4px 4px 4px 4px rgb(139, 135,  
117) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5223, 24.1013, 20.2946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 135, 117) }
```

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

```
.background{ background-color: rgb(139,  
135, 117) }
```

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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