

Converting Colors

XYZ(22.1873, 25.5570, 11.1946)

Have a look what the booklet for
XYZ(22.1873, 25.5570, 11.1946)
contains.

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Color

**XYZ(22.2396, 25.6613,
11.1781)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8E4F
RGB	142, 142, 79
RGB Percent	56%, 56%, 31%
CMY	0.4431, 0.4431, 0.6902
CMYK	0.00, 0.00, 0.44, 0.44
HSL	60°, 29%, 43%
HSV	60°, 44%, 56%
XYZ	22.2396, 25.6613, 11.1781
YIQ	134.8180, 20.2230, -19.5930

Conversions

Conversions Part 2

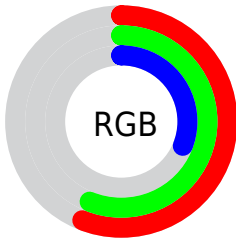
Format	Color
R_{YB}	79, 142, 79
Decimal	9342543
CIE _{Lab}	57.71, -9.63, 33.45
CIE _{LCh}	58, 34.803, 106.060
Yxy	25.6613, 0.3764, 0.4344
Android (android.graphics.Color)	4287532623 (0xFF8E8E4F)
YUV	134.8180, -27.5183, 6.2986
Hunter-Lab	50.6570, -10.2840, 22.3768

Details

The XYZ color **22.2396, 25.6613, 11.1781** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **10.9038, 9.2078, 26.7953**, and the grayscale version is **23.0557, 24.2564, 26.4152**.

A 20% lighter version of the original color is **46.7283, 52.9352, 28.5235**, and **8.3043, 9.9322, 2.8459** is the 20% darker color. If you saturate the color by 10%, you get **21.7771, 25.4772, 8.7407**, and if you desaturate by 10%, it is **22.8138, 25.8919, 14.1982**.

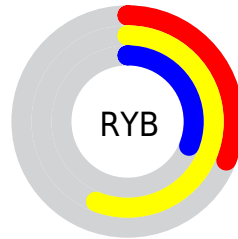
Distribution



Red (56%)

Green (56%)

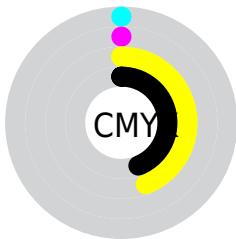
Blue (31%)



Red (31%)

Yellow (56%)

Blue (31%)

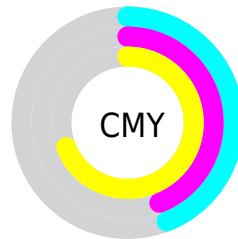


Cyan (0%)

Magenta (0%)

Yellow (44%)

Black (44%)



Cyan (44%)

Magenta (44%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2396, 25.6613, 11.1781 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 22.2396, 25.6613, 11.1781 by changing the saturation by 10% instead.

■ 22.2396, 25.6613,
11.1781

■ 22.2396, 25.6613,
11.1781

256.4039,
281.1154, 209.6665

■ 14.1506, 16.5704,
6.0711

■ 46.6176, 52.7280,
28.6307

■ 8.3079, 9.9287,
2.8189

■ 63.6374, 71.4727,
41.8134

■ 4.3461, 5.3517,
1.0029

■ 84.3648, 94.2041,
58.5250

■ 1.8997, 2.4551,
0.0000

■ 109.1652,
121.3065, 79.1841

■ 0.5767, 0.8540,
0.0000

■ 138.4039,
153.1645, 104.2093

■ 0.0000, 0.0000,
0.0000

172.4464,

190.1624, 134.0191

211.6579,
232.6846, 169.0319

■ 22.2396, 25.6613,
11.1781

■ 22.2396, 25.6613,
11.1781

■ 21.7771, 25.4772,
8.7407

■ 22.8138, 25.8919,
14.1982

■ 21.4173, 25.3333,
6.8470

■ 23.5043, 26.1681,
17.8334

■ 21.1530, 25.2275,
5.4558

■ 24.3176, 26.4935,
22.1157

■ 20.9750, 25.1563,
4.5194

■ 25.2595, 26.8702,
27.0745

■ 20.8719, 25.1151,
3.9773

■ 26.3350, 27.3005,
32.7372

■ 20.8280, 25.0975,
3.7465

■ 27.5491, 27.7861,
39.1299

■ 28.9066, 28.3291,
46.2773

■ 30.4118, 28.9312,
54.2027

■ 32.0690, 29.5941,
62.9288

Harmonies

Analogous

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



26.3726, 25.6613, 11.0592



22.2396, 25.6613, 11.1781



19.0623, 25.6613, 14.8477

Triad

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



22.2396, 25.6613, 11.1781



19.2407, 25.6613, 47.9424



33.0254, 25.6613, 33.8436

Complementary

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



22.2396, 25.6613, 11.1781



10.9038, 9.2078, 26.7953

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.



30.6287, 25.6613, 47.0872



22.2396, 25.6613, 11.1781



22.5099, 25.6613, 56.6642

Square

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



22.2396, 25.6613, 11.1781



17.4705, 25.6613, 34.7839



26.6754, 25.6613, 56.3129



32.9316, 25.6613, 22.0598

Rectangle

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



22.2396, 25.6613, 11.1781



17.7738, 25.6613, 19.6230



26.6754, 25.6613, 56.3129



32.4735, 25.6613, 38.3286

Sweetspot

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



22.2402, 25.6625, 11.1786



43.0503, 46.7845, 39.8962



15.3635, 11.9079, 8.8862



9.5469, 10.4221, 8.5504



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.



22.2402, 25.6625, 11.1786



38.4190, 44.9319, 15.5137



17.5781, 23.2591, 10.9604



5.8395, 6.2854, 5.7948



18.6993, 22.5324, 3.3636



0.1788, 0.2154, 0.0322

Inverse Universe

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



10.9038, 9.2078, 26.7953



15.8263, 12.1389, 46.6368



14.1720, 10.8927, 26.9483



5.1296, 5.2550, 6.7727



4.3839, 1.7536, 23.0845



0.0419, 0.0168, 0.2207

Previews

White Background



This preview shows how the XYZ color 22.2396, 25.6613, 11.1781 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 22.2396, 25.6613, 11.1781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

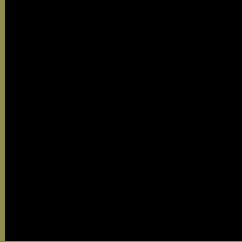
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.2396, 25.6613, 11.1781

Background



This preview shows how black text looks on a background with the XYZ color 22.2396, 25.6613, 11.1781.



This preview shows how white text looks on a background with the XYZ color 22.2396, 25.6613,

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

22.2396, 25.6613, 11.1781

Protanopia

23.5567, 25.6907, 10.9250

Deuteranopia

25.8849, 25.4214, 11.3271



Tritanopia

26.0304, 25.4841, 30.3350

Trichromacy



Original Color

22.2396, 25.6613, 11.1781

Protanomaly

22.9660, 25.6021, 10.9390

Deuteranomaly

24.5502, 25.5584, 11.2288

Tritanomaly

24.2509, 25.3828, 21.7104

Monochromacy



Original Color

22.2396, 25.6613, 11.1781

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.6642, 24.8180, 19.8155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2396, 25.6613, 11.1781 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(142, 142, 79)` looks like.

```
.text, #text, p{  
    color:rgb(142, 142, 79)  
}
```

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(142, 142, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 142, 79) }
```

Border

The CSS property to change the border of an element to XYZ 22.2396, 25.6613, 11.1781 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(142, 142, 79) }
```


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

```
.border{ border-color:rgb(142, 142, 79) }
```

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

Here you see how a box with a 4 pixel rgb(142, 142, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 142, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 142, 79);  
box-shadow:4px 4px 4px 4px rgb(142, 142,  
79) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2396, 25.6613, 11.1781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 142, 79) }
```

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

```
.background{ background-color: rgb(142,  
142, 79) }
```

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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