

Converting Colors

XYZ(22.5851, 25.1283, 23.4756)

Have a look what the booklet for
XYZ(22.5851, 25.1283, 23.4756)
contains.

XYZ(22.5041, 25.0878, 23.3950)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(22.5041, 25.0878,
23.3950)**

Conversions

Conversions Part 1

Format	Color
Hex	838C7E
RGB	131, 140, 126
RGB Percent	51%, 55%, 49%
CMY	0.4863, 0.4510, 0.5059
CMYK	0.06, 0.00, 0.10, 0.45
HSL	99°, 6%, 52%
HSV	99°, 10%, 55%
XYZ	22.5041, 25.0878, 23.3950
YIQ	135.7130, -0.8700, -6.2620

Conversions

Conversions Part 2

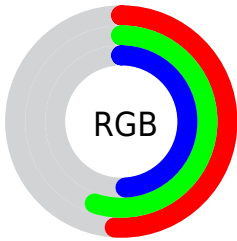
Format	Color
R_{YB}	126, 140, 135
Decimal	8621182
CIE Lab	57.16, -6.03, 6.35
CIE LCh	57, 8.755, 133.501
Yxy	25.0878, 0.3170, 0.3534
Android (android.graphics.Color)	4286811262 (0xFF838C7E)
YUV	135.7130, -4.7885, -4.1333
Hunter-Lab	50.0877, -7.4546, 7.3682

Details

The XYZ color **22.5041, 25.0878, 23.3950** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.1870, 21.9667, 27.8828**, and the grayscale version is **23.3126, 24.5267, 26.7095**.

A 20% lighter version of the original color is **47.1956, 52.0286, 50.2029**, and **8.4754, 9.6420, 8.4356** is the 20% darker color. If you saturate the color by 10%, you get **20.3293, 24.0646, 18.9029**, and if you desaturate by 10%, it is **24.9278, 26.2262, 28.5598**.

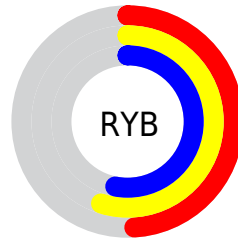
Distribution



Red (51%)

Green (55%)

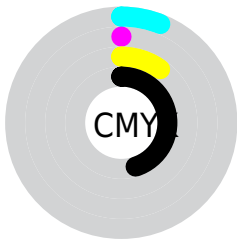
Blue (49%)



Red (49%)

Yellow (55%)

Blue (53%)

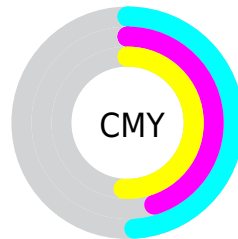


Cyan (6%)

Magenta (0%)

Yellow (10%)

Black (45%)



Cyan (49%)

Magenta (45%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5041, 25.0878, 23.3950 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 22.5041, 25.0878, 23.3950 by changing the saturation by 10% instead.

■ 22.5041, 25.0878,
23.3950

■ 22.5041, 25.0878,
23.3950

257.7508,
278.2749, 282.9347

■ 14.3464, 16.1425,
14.6774

■ 47.0504, 51.7996,
49.9725

■ 8.4453, 9.6250,
8.4492

■ 64.1698, 70.3349,
68.6695

■ 4.4354, 5.1511,
4.2918

■ 85.0072, 92.8357,
91.5300

■ 1.9513, 2.3362,
1.7868

109.9279,
119.6862, 118.9726

■ 0.6064, 0.7928,
0.4192

139.2972,
151.2711, 151.4159

■ 0.0000, 0.0000,
0.0000

173.4806,

187.9745, 189.2783

212.8433,
230.1810, 232.9784

■ 22.5041, 25.0878,
23.3950

■ 22.5041, 25.0878,
23.3950

■ 20.3293, 24.0646,
18.9029

■ 24.9278, 26.2262,
28.5598

■ 18.3932, 23.1496,
15.0543

■ 27.6064, 27.4801,
34.4218

■ 16.6876, 22.3402,
11.8201

■ 30.5479, 28.8538,
41.0061

■ 15.2032, 21.6321,
9.1684

■ 33.7596, 30.3506,
48.3362

■ 13.9299, 21.0209,
7.0646

■ 37.2483, 31.9734,
56.4345

■ 12.8568, 20.5019,
5.4701

■ 41.0208, 33.7254,
65.3224

■ 11.9718, 20.0697,
4.3414

■ 45.0834, 35.6093,
75.0205

■ 11.2612, 19.7185,
3.6279

■ 49.4423, 37.6279,
85.5487

■ 10.6937, 19.4351,
3.1877

■ 54.1036, 39.7839,
96.9262

Harmonies

Analogous

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



23.3846, 25.0878, 22.1508



22.5041, 25.0878, 23.3950



21.9913, 25.0878, 25.7327

Triad

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



22.5041, 25.0878, 23.3950



23.2856, 25.0878, 33.1407



25.8289, 25.0878, 26.0099

Complementary

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



22.5041, 25.0878, 23.3950



22.1870, 21.9667, 27.8828

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.



25.8005, 25.0878, 28.9637



22.5041, 25.0878, 23.3950



24.3119, 25.0878, 33.2284

Square

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



22.5041, 25.0878, 23.3950



22.4335, 25.0878, 31.4215



25.2386, 25.0878, 31.6531



25.3149, 25.0878, 23.5853

Rectangle

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



22.5041, 25.0878, 23.3950



21.9174, 25.0878, 27.6652



25.2386, 25.0878, 31.6531



25.8829, 25.0878, 26.9705

Sweetspot

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



22.5048, 25.0889, 23.3955



42.5917, 45.6004, 47.4336



23.2274, 24.3735, 23.2194



9.7387, 10.4720, 10.7684



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.



22.5048, 25.0889, 23.3955



38.7740, 43.8070, 39.3605



21.8705, 24.7478, 24.0007



5.1295, 5.6895, 5.3802



9.5214, 17.2785, 2.8332



0.0782, 0.1225, 0.0195

Inverse Universe

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



22.1870, 21.9667, 27.8828



38.0977, 37.1636, 48.9083



22.8741, 22.3366, 27.2023



5.0635, 5.0411, 6.3120



7.9749, 3.6253, 22.3251



0.0690, 0.0323, 0.1491

Previews

White Background



This preview shows how the XYZ color 22.5041, 25.0878, 23.3950 looks on a white background.

Color Contrast Check

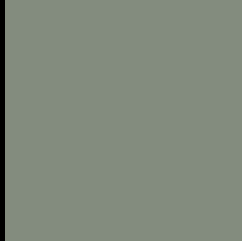
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5041, 25.0878, 23.3950 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

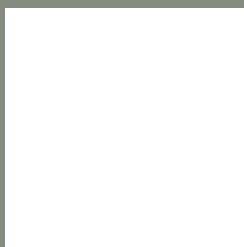
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5041, 25.0878, 23.3950

Background



This preview shows how black text looks on a background with the XYZ color 22.5041, 25.0878, 23.3950.



This preview shows how white text looks on a background with the XYZ color 22.5041, 25.0878,

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

22.5041, 25.0878, 23.3950

Protanopia

23.9114, 25.1862, 22.6699

Deuteranopia

25.4740, 24.9311, 23.8916



Tritanopia

24.1225, 25.0978, 31.5899

Trichromacy



Original Color

22.5041, 25.0878, 23.3950

Protanomaly

23.4376, 25.1466, 23.0205

Deuteranomaly

24.3488, 24.9712, 23.6153

Tritanomaly

23.4950, 25.0570, 28.4091

Monochromacy



Original Color

22.5041, 25.0878, 23.3950

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

22.9420, 24.6256, 25.3738

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5041, 25.0878, 23.3950 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(131, 140, 126)` looks like.

```
.text, #text, p{  
    color:rgb(131, 140, 126)  
}
```

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(131, 140, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 140, 126) }
```

Border

The CSS property to change the border of an element to XYZ 22.5041, 25.0878, 23.3950 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(131, 140, 126) }
```


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

```
.border{ border-color:rgb(131, 140, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 140, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 140, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 140, 126);  
box-shadow:4px 4px 4px 4px rgb(131, 140,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5041, 25.0878, 23.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 140, 126) }
```

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

```
.background{ background-color: rgb(131,  
140, 126) }
```

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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