

Converting Colors

XYZ(22.8204, 25.6481, 23.1507)

Have a look what the booklet for
XYZ(22.8204, 25.6481, 23.1507)
contains.

XYZ(22.8904, 25.7322, 23.1624)	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(22.8904, 25.7322,
23.1624)**

Conversions

Conversions Part 1

Format	Color
Hex	848E7D
RGB	132, 142, 125
RGB Percent	52%, 56%, 49%
CMY	0.4823, 0.4431, 0.5098
CMYK	0.07, 0.00, 0.12, 0.44
HSL	95°, 7%, 52%
HSV	95°, 12%, 56%
XYZ	22.8904, 25.7322, 23.1624
YIQ	137.0720, -0.5030, -7.4070

Conversions

Conversions Part 2

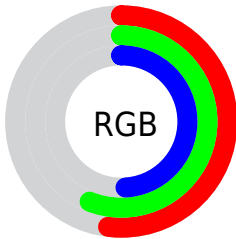
Format	Color
R_{YB}	125, 142, 135
Decimal	8687229
CIE Lab	57.78, -6.94, 7.82
CIE LCh	58, 10.457, 131.605
Yxy	25.7322, 0.3189, 0.3585
Android (android.graphics.Color)	4286877309 (0xFF848E7D)
YUV	137.0720, -5.9515, -4.4481
Hunter-Lab	50.7269, -8.2244, 8.4365

Details

The XYZ color **22.8904, 25.7322, 23.1624** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.2088, 21.7718, 28.6244**, and the grayscale version is **23.8276, 25.0685, 27.2996**.

A 20% lighter version of the original color is **47.7834, 53.0085, 49.8327**, and **8.6989, 10.0151, 8.3121** is the 20% darker color. If you saturate the color by 10%, you get **20.7930, 24.7491, 18.6626**, and if you desaturate by 10%, it is **25.2236, 26.8233, 28.3514**.

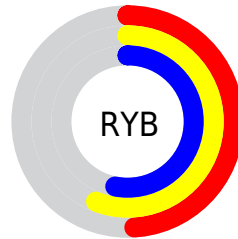
Distribution



Red (52%)

Green (56%)

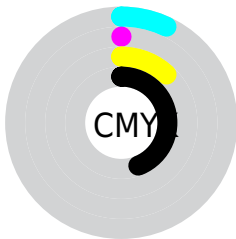
Blue (49%)



Red (49%)

Yellow (56%)

Blue (53%)

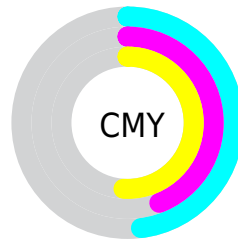


Cyan (7%)

Magenta (0%)

Yellow (12%)

Black (44%)



Cyan (48%)

Magenta (44%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.8904, 25.7322, 23.1624 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 22.8904, 25.7322, 23.1624 by changing the saturation by 10% instead.

■ 22.8904, 25.7322,
23.1624

■ 22.8904, 25.7322,
23.1624

259.7074,
281.4650, 281.7069

■ 14.6328, 16.6234,
14.5070

■ 47.6813, 52.8426,
49.5864

■ 8.6468, 9.9664,
8.3314

■ 64.9453, 71.6130,
68.1922

■ 4.5668, 5.3767,
4.2169

■ 85.9422, 94.3727,
90.9518

■ 2.0275, 2.4699,
1.7451

111.0374,
121.5062, 118.2838

■ 0.6493, 0.8615,
0.3914

140.5961,
153.3977, 150.6068

■ 0.0000, 0.0000,
0.0000

174.9838,

190.4318, 188.3393

214.5658,
232.9927, 231.8998

■ 22.8904, 25.7322,
23.1624

■ 22.8904, 25.7322,
23.1624

■ 20.7930, 24.7491,
18.6626

■ 25.2236, 26.8233,
28.3514

■ 18.9213, 23.8673,
14.8214

■ 27.7980, 28.0225,
34.2551

■ 17.2678, 23.0843,
11.6083

■ 30.6214, 29.3338,
40.8998

■ 15.8233, 22.3961,
8.9898

■ 33.7007, 30.7604,
48.3102

■ 14.5782, 21.7986,
6.9292

■ 37.0424, 32.3051,
56.5094

■ 13.5220, 21.2871,
5.3858

■ 40.6529, 33.9707,
65.5199

■ 12.6428, 20.8567,
4.3133

■ 44.5382, 35.7598,
75.3632

■ 11.9273, 20.5016,
3.6574

■ 48.7043, 37.6751,
86.0599

■ 11.4454, 20.2605,
3.3074

■ 53.1568, 39.7190,
97.6299

Harmonies

Analogous

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



23.9755, 25.7322, 21.7799



22.8904, 25.7322, 23.1624



22.2390, 25.7322, 25.8936

Triad

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



22.8904, 25.7322, 23.1624



23.7042, 25.7322, 35.0994



26.8980, 25.7322, 26.6508

Complementary

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



22.8904, 25.7322, 23.1624



22.2088, 21.7718, 28.6244

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.



26.8193, 25.7322, 30.2555



22.8904, 25.7322, 23.1624



24.9463, 25.7322, 35.3461

Square

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



22.8904, 25.7322, 23.1624



22.6976, 25.7322, 32.8610



26.0949, 25.7322, 33.5088



26.3065, 25.7322, 23.6758

Rectangle

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



22.8904, 25.7322, 23.1624



22.1244, 25.7322, 28.2120



26.0949, 25.7322, 33.5088



26.9496, 25.7322, 27.8249

Sweetspot

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



22.8911, 25.7333, 23.1630



43.5744, 46.8768, 47.9587



23.5103, 24.5372, 22.8994



9.6681, 10.4400, 10.5674



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.



22.8911, 25.7333, 23.1630



39.4706, 44.9575, 38.8982



21.9241, 25.2242, 23.5936



5.5400, 6.1310, 5.7808



10.2958, 18.2003, 2.9704



0.1225, 0.1864, 0.0295

Inverse Universe

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



22.2088, 21.7718, 28.6244



38.0565, 36.7485, 50.2152



23.2667, 22.3294, 28.1220



5.4145, 5.4018, 6.7861



7.6508, 3.4377, 23.2374



0.0982, 0.0458, 0.2233

Previews

White Background



This preview shows how the XYZ color 22.8904, 25.7322, 23.1624 looks on a white background.

Color Contrast Check

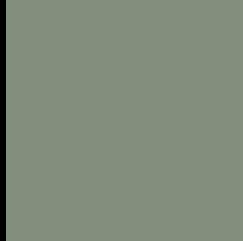
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.8904, 25.7322, 23.1624 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

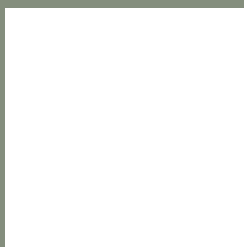
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.8904, 25.7322, 23.1624

Background



This preview shows how black text looks on a background with the XYZ color 22.8904, 25.7322, 23.1624.



This preview shows how white text looks on a background with the XYZ color 22.8904, 25.7322,

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

22.8904, 25.7322, 23.1624

Protanopia

24.3407, 25.6268, 22.4025

Deuteranopia

26.0662, 25.6504, 23.6559



Tritanopia

24.6666, 25.5811, 32.0713

Trichromacy



Original Color

22.8904, 25.7322, 23.1624

Protanomaly

23.6859, 25.4959, 22.7416

Deuteranomaly

24.7442, 25.6007, 23.3759

Tritanomaly

23.9579, 25.5096, 28.4721

Monochromacy



Original Color

22.8904, 25.7322, 23.1624

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.4579, 25.3096, 25.8392

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.8904, 25.7322, 23.1624 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(132, 142, 125)` looks like.

```
.text, #text, p{  
    color:rgb(132, 142, 125)  
}
```

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(132, 142, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 142, 125) }
```

Border

The CSS property to change the border of an element to XYZ 22.8904, 25.7322, 23.1624 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(132, 142, 125) }
```


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

```
.border{ border-color:rgb(132, 142, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 142, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 142, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 142, 125);  
box-shadow:4px 4px 4px 4px rgb(132, 142,  
125) }
```

Background

The CSS property to change the background color of an element to XYZ 22.8904, 25.7322, 23.1624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 142, 125) }
```

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

```
.background{ background-color: rgb(132,  
142, 125) }
```

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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