

Converting Colors

XYZ(23.7744, 25.0833, 22.2645)

Have a look what the booklet for
XYZ(23.7744, 25.0833, 22.2645)
contains.

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Color

**XYZ(23.8485, 25.1610,
22.3385)**

Conversions

Conversions Part 1

Format	Color
Hex	8F897B
RGB	143, 137, 123
RGB Percent	56%, 54%, 48%
CMY	0.4392, 0.4627, 0.5176
CMYK	0.00, 0.04, 0.14, 0.44
HSL	42°, 8%, 52%
HSV	42°, 14%, 56%
XYZ	23.8485, 25.1610, 22.3385
YIQ	137.1980, 8.0700, -3.0820

Conversions

Conversions Part 2

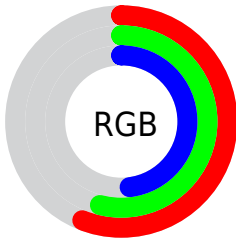
Format	Color
R_{YB}	132, 143, 123
Decimal	9406843
CIE _{Lab}	57.23, -0.29, 8.30
CIE _{LCh}	57, 8.309, 92.013
Yxy	25.1610, 0.3343, 0.3527
Android (android.graphics.Color)	4287596923 (0xFF8F897B)
YUV	137.1980, -6.9996, 5.0884
Hunter-Lab	50.1607, -2.9150, 8.7084

Details

The XYZ color **23.8485, 25.1610, 22.3385** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.9765, 21.8942, 29.1073**, and the grayscale version is **23.8768, 25.1203, 27.3560**.

A 20% lighter version of the original color is **49.1773, 51.7924, 47.9624**, and **9.1584, 9.6380, 7.8562** is the 20% darker color. If you saturate the color by 10%, you get **22.4207, 23.6347, 17.7640**, and if you desaturate by 10%, it is **25.4327, 26.7903, 27.6109**.

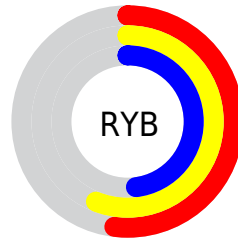
Distribution



Red (56%)

Green (54%)

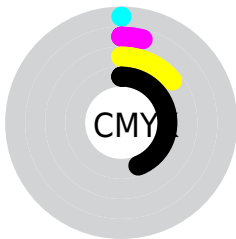
Blue (48%)



Red (52%)

Yellow (56%)

Blue (48%)

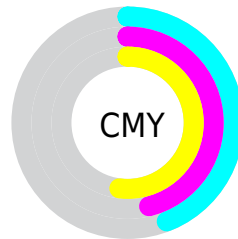


Cyan (0%)

Magenta (4%)

Yellow (14%)

Black (44%)



Cyan (44%)

Magenta (46%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8485, 25.1610, 22.3385 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 23.8485, 25.1610, 22.3385 by changing the saturation by 10% instead.

■ 23.8485, 25.1610,
22.3385

■ 23.8485, 25.1610,
22.3385

264.5084,
278.6388, 277.3199

■ 15.3454, 16.1970,
13.9051

■ 49.2393, 51.9183,
48.2142

■ 9.1500, 9.6637,
7.9167

■ 66.8578, 70.4804,
66.4936

■ 4.8971, 5.1766,
3.9547

■ 88.2454, 93.0107,
88.8921

■ 2.2211, 2.3512,
1.6005

113.7675,
119.8936, 115.8282

■ 0.7538, 0.8006,
0.2912

143.7895,
151.5135, 147.7205

■ 0.0000, 0.0000,
0.0000

178.6768,

188.2547, 184.9875

218.7946,
230.5017, 228.0478

■ 23.8485, 25.1610,
22.3385

■ 23.8485, 25.1610,
22.3385

■ 22.4207, 23.6347,
17.7640

■ 25.4327, 26.7903,
27.6109

■ 21.1413, 22.2052,
13.8560

■ 27.1769, 28.5220,
33.6077

■ 20.0046, 20.8707,
10.5831

■ 29.0869, 30.3597,
40.3559

■ 19.0039, 19.6279,
7.9105

■ 31.1678, 32.3058,
47.8806

■ 18.1316, 18.4735,
5.8003

■ 33.4245, 34.3626,
56.2057

■ 17.3794, 17.4036,
4.2101

■ 35.8614, 36.5325,
65.3542

■ 16.7378, 16.4139,
3.0914

■ 38.4831, 38.8175,
75.3481

■ 16.1953, 15.4993,
2.3851

■ 41.2937, 41.2198,
86.2085

■ 15.8965, 14.9772,
2.0530

■ 44.2974, 43.7414,
97.9560

Harmonies

Analogous

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



24.8120, 25.1610, 22.8921



23.8485, 25.1610, 22.3385



22.9276, 25.1610, 23.0611

Triad

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



23.8485, 25.1610, 22.3385



22.3489, 25.1610, 30.3644



25.6215, 25.1610, 30.0133

Complementary

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



23.8485, 25.1610, 22.3385



20.9765, 21.8942, 29.1073

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.



24.9299, 25.1610, 32.2428



23.8485, 25.1610, 22.3385



23.0394, 25.1610, 32.4550

Square

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



23.8485, 25.1610, 22.3385



22.0766, 25.1610, 27.5865



23.9812, 25.1610, 33.1646



25.8522, 25.1610, 27.2065

Rectangle

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



23.8485, 25.1610, 22.3385



22.4570, 25.1610, 24.2002



23.9812, 25.1610, 33.1646



25.4343, 25.1610, 30.8616

Sweetspot

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



23.8492, 25.1621, 22.3390



45.5162, 47.9472, 49.3468



22.3734, 21.5909, 23.7575



10.3906, 10.9475, 11.1565



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.8492, 25.1621, 22.3390



41.8162, 44.1183, 37.1043



24.0453, 26.5642, 22.5993



5.7049, 6.0161, 5.7499



14.0742, 13.2802, 1.8215



0.1539, 0.1656, 0.0239

Inverse Universe

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



20.9765, 21.8942, 29.1073



35.5759, 37.0199, 51.8085



20.7936, 20.6615, 28.8790



5.2532, 5.5023, 6.8139



5.1604, 3.3068, 23.3434



0.0668, 0.0666, 0.2290

Previews

White Background



This preview shows how the XYZ color 23.8485, 25.1610, 22.3385 looks on a white background.

Color Contrast Check

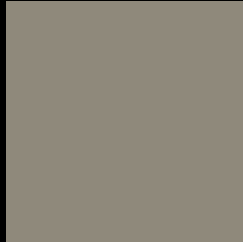
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8485, 25.1610, 22.3385 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

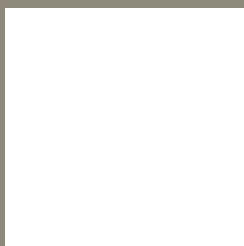
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.8485, 25.1610, 22.3385

Background



This preview shows how black text looks on a background with the XYZ color 23.8485, 25.1610, 22.3385.



This preview shows how white text looks on a background with the XYZ color 23.8485, 25.1610,

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

23.8485, 25.1610, 22.3385

Protanopia

23.8485, 25.1610, 22.3385

Deuteranopia

25.5997, 25.0257, 22.5500



Tritanopia

25.4132, 25.1748, 29.9054

Trichromacy



Original Color

23.8485, 25.1610, 22.3385

Protanomaly

23.8485, 25.1610, 22.3385

Deuteranomaly

24.9257, 25.0847, 22.5969

Tritanomaly

24.7850, 25.1253, 26.8359

Monochromacy



Original Color

23.8485, 25.1610, 22.3385

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.7580, 25.0462, 25.4120

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8485, 25.1610, 22.3385 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(143, 137, 123)` looks like.

```
.text, #text, p{  
    color:rgb(143, 137, 123)  
}
```

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(143, 137, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 137, 123) }
```

Border

The CSS property to change the border of an element to XYZ 23.8485, 25.1610, 22.3385 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(143, 137, 123) }
```


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

```
.border{ border-color:rgb(143, 137, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 137, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 137, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 137, 123);  
box-shadow:4px 4px 4px 4px rgb(143, 137,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8485, 25.1610, 22.3385 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 137, 123) }
```

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

```
.background{ background-color: rgb(143,  
137, 123) }
```

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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