

Converting Colors

XYZ(23.5695, 25.0133, 22.2125)

Have a look what the booklet for
XYZ(23.5695, 25.0133, 22.2125)
contains.

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Color

**XYZ(23.6761, 25.0722,
22.3304)**

Conversions

Conversions Part 1

Format	Color
Hex	8E897B
RGB	142, 137, 123
RGB Percent	56%, 54%, 48%
CMY	0.4431, 0.4627, 0.5176
CMYK	0.00, 0.04, 0.13, 0.44
HSL	44°, 8%, 52%
HSV	44°, 13%, 56%
XYZ	23.6761, 25.0722, 22.3304
YIQ	136.8990, 7.4740, -3.2940

Conversions

Conversions Part 2

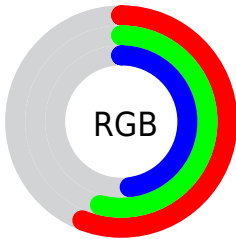
Format	Color
R_{YB}	130, 142, 123
Decimal	9341307
CIE Lab	57.15, -0.68, 8.17
CIE LCh	57, 8.198, 94.771
Yxy	25.0722, 0.3331, 0.3527
Android (android.graphics.Color)	4287531387 (0xFF8E897B)
YUV	136.8990, -6.8522, 4.4736
Hunter-Lab	50.0721, -3.2244, 8.6093

Details

The XYZ color **23.6761, 25.0722, 22.3304** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.7698, 21.6016, 28.6661**, and the grayscale version is **23.7634, 25.0009, 27.2260**.

A 20% lighter version of the original color is **48.9163, 51.6578, 47.9502**, and **9.0579, 9.5861, 7.8515** is the 20% darker color. If you saturate the color by 10%, you get **22.3295, 23.6996, 17.8095**, and if you desaturate by 10%, it is **25.1715, 26.5353, 27.5377**.

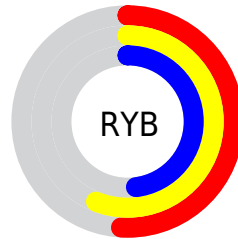
Distribution



Red (56%)

Green (54%)

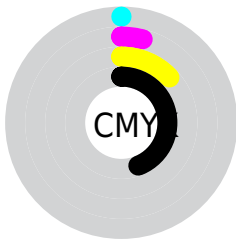
Blue (48%)



Red (51%)

Yellow (56%)

Blue (48%)

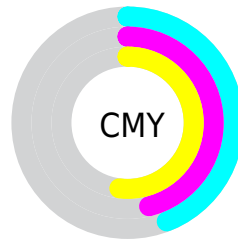


Cyan (0%)

Magenta (4%)

Yellow (13%)

Black (44%)



Cyan (44%)

Magenta (46%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6761, 25.0722, 22.3304 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 23.6761, 25.0722, 22.3304 by changing the saturation by 10% instead.

■ 23.6761, 25.0722,
22.3304

■ 23.6761, 25.0722,
22.3304

263.6498,
278.1973, 277.2765

■ 15.2170, 16.1309,
13.8992

■ 48.9597, 51.7743,
48.2006

■ 9.0591, 9.6168,
7.9127

■ 66.5148, 70.3039,
66.4768

■ 4.8372, 5.1456,
3.9521

■ 87.8326, 92.7983,
88.8717

■ 2.1858, 2.3330,
1.5991

113.2785,
119.6420, 115.8039

■ 0.7352, 0.7911,
0.2902

143.2178,
151.2194, 147.6920

■ 0.0000, 0.0000,
0.0000

178.0159,

187.9148, 184.9544

218.0381,
230.1126, 228.0097

■ 23.6761, 25.0722,
22.3304

■ 23.6761, 25.0722,
22.3304

■ 22.3295, 23.6996,
17.8095

■ 25.1715, 26.5353,
27.5377

■ 21.1238, 22.4117,
13.9442

■ 26.8189, 28.0881,
33.4572

■ 20.0536, 21.2068,
10.7037

■ 28.6241, 29.7340,
40.1154

■ 19.1124, 20.0820,
8.0543

■ 30.5919, 31.4752,
47.5368

■ 18.2929, 19.0341,
5.9587

■ 32.7271, 33.3139,
55.7449

■ 17.5871, 18.0596,
4.3758

■ 35.0339, 35.2520,
64.7621

■ 16.9857, 17.1544,
3.2584

■ 37.5167, 37.2916,
74.6101

■ 16.4781, 16.3139,
2.5504

■ 40.1795, 39.4346,
85.3095

■ 16.1722, 15.7844,
2.1943

■ 43.0263, 41.6827,
96.8803

Harmonies

Analogous

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



24.6315, 25.0722, 22.7612



23.6761, 25.0722, 22.3304



22.7859, 25.0722, 23.1557

Triad

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



23.6761, 25.0722, 22.3304



22.3358, 25.0722, 30.4494



25.5518, 25.0722, 29.6320

Complementary

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



23.6761, 25.0722, 22.3304



20.7698, 21.6016, 28.6661

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.



24.9063, 25.0722, 31.9101



23.6761, 25.0722, 22.3304



23.0468, 25.0722, 32.4039

Square

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



23.6761, 25.0722, 22.3304



22.0255, 25.0722, 27.7445



23.9853, 25.0722, 32.9556



25.7312, 25.0722, 26.8590

Rectangle

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



23.6761, 25.0722, 22.3304



22.3440, 25.0722, 24.3421



23.9853, 25.0722, 32.9556



25.3813, 25.0722, 30.4869

Sweetspot

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



23.6768, 25.0733, 22.3309



44.1935, 46.6061, 47.8739



22.1392, 21.4772, 23.4240



9.8290, 10.3693, 10.5453



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.



23.6768, 25.0733, 22.3309



41.0237, 43.4832, 36.9007



23.6580, 26.1425, 22.5383



5.7212, 6.0487, 5.7553



14.5356, 14.2029, 1.9753



0.1570, 0.1718, 0.0249

Inverse Universe

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



20.7698, 21.6016, 28.6661



34.8903, 36.1587, 50.2683



20.7828, 20.6646, 28.4845



5.2378, 5.4713, 6.8088



5.0008, 2.9876, 23.2902



0.0637, 0.0604, 0.2280

Previews

White Background



This preview shows how the XYZ color 23.6761, 25.0722, 22.3304 looks on a white background.

Color Contrast Check

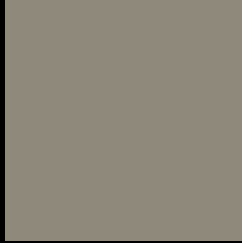
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6761, 25.0722, 22.3304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

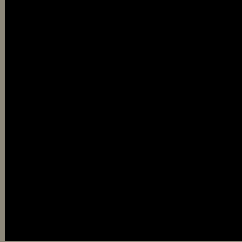
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

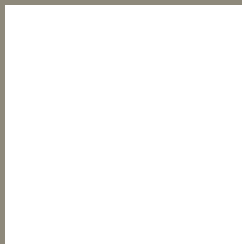
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.6761, 25.0722, 22.3304

Background



This preview shows how black text looks on a background with the XYZ color 23.6761, 25.0722, 22.3304.



This preview shows how white text looks on a background with the XYZ color 23.6761, 25.0722,

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

23.6761, 25.0722, 22.3304

Protanopia

23.8485, 25.1610, 22.3385

Deuteranopia

25.4069, 24.9263, 22.5410



Tritanopia

25.2362, 25.0836, 29.8971

Trichromacy



Original Color

23.6761, 25.0722, 22.3304

Protanomaly

23.8485, 25.1610, 22.3385

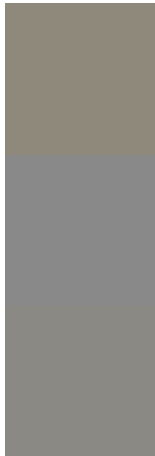
Deuteranomaly

24.7409, 24.9895, 22.5882

Tritanomaly

24.6095, 25.0348, 26.8277

Monochromacy



Original Color

23.6761, 25.0722, 22.3304

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 23.6761, 25.0722, 22.3304 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, 137, 123)` looks like.

```
.text, #text, p{  
    color:rgb(142, 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(142, 137, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 137, 123) }
```

Border

The CSS property to change the border of an element to XYZ 23.6761, 25.0722, 22.3304 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, 137, 123) }
```


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

```
.border{ border-color:rgb(142, 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(142, 137, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 137, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 137, 123);  
box-shadow:4px 4px 4px 4px rgb(142, 137,  
123) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6761, 25.0722, 22.3304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 137, 123) }
```

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

```
.background{ background-color: rgb(142,  
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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