

Converting Colors

XYZ(21.5752, 23.3968, 21.6306)

Have a look what the booklet for
XYZ(21.5752, 23.3968, 21.6306)
contains.

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Color

**XYZ(21.5537, 23.3609,
21.7855)**

Conversions

Conversions Part 1

Format	Color
Hex	84867A
RGB	132, 134, 122
RGB Percent	52%, 53%, 48%
CMY	0.4823, 0.4745, 0.5216
CMYK	0.01, 0.00, 0.09, 0.47
HSL	70°, 5%, 50%
HSV	70°, 9%, 53%
XYZ	21.5537, 23.3609, 21.7855
YIQ	132.0340, 2.6600, -4.1560

Conversions

Conversions Part 2

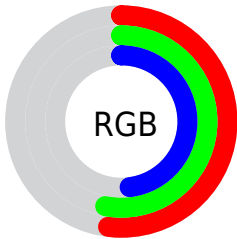
Format	Color
R_{YB}	122, 134, 124
Decimal	8685178
CIE Lab	55.44, -3.04, 6.20
CIE LCh	55, 6.903, 116.087
Yxy	23.3609, 0.3231, 0.3502
Android (android.graphics.Color)	4286875258 (0xFF84867A)
YUV	132.0340, -4.9468, -0.0298
Hunter-Lab	48.3331, -4.9825, 7.1090

Details

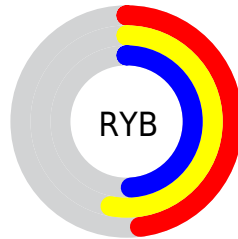
The XYZ color **21.5537, 23.3609, 21.7855** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.5757, 19.9261, 25.3699**, and the grayscale version is **21.9616, 23.1053, 25.1616**.

A 20% lighter version of the original color is **45.4179, 48.9109, 47.0914**, and **7.9402, 8.6607, 7.5565** is the 20% darker color. If you saturate the color by 10%, you get **20.4343, 22.8739, 17.6937**, and if you desaturate by 10%, it is **22.7964, 23.8996, 26.4818**.

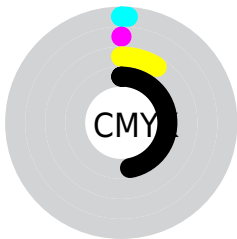
Distribution



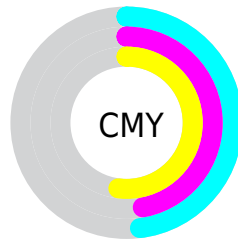
- Red (52%)
- Green (53%)
- Blue (48%)



- Red (48%)
- Yellow (53%)
- Blue (49%)



- Cyan (1%)
- Magenta (0%)
- Yellow (9%)
- Black (47%)



- Cyan (48%)
- Magenta (47%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.5537, 23.3609, 21.7855 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 21.5537, 23.3609, 21.7855 by changing the saturation by 10% instead.

■ 21.5537, 23.3609,
21.7855

■ 21.5537, 23.3609,
21.7855

252.8830,
269.5733, 274.3409

■ 13.6441, 14.8602,
13.5026

■ 45.4916, 48.9852,
47.2889

■ 7.9536, 8.7213,
7.6407

■ 62.2506, 66.8777,
65.3464

■ 4.1168, 4.5599,
3.7815

■ 82.6902, 88.6695,
87.4991

■ 1.7684, 1.9914,
1.5062

107.1756,
114.7452, 114.1657

■ 0.4985, 0.6025,
0.2226

136.0722,
145.4889, 145.7646

■ 0.0000, 0.0000,
0.0000

169.7454,

181.2853, 182.7144

208.5606,
222.5186, 225.4337

■ 21.5537, 23.3609,
21.7855

■ 21.5537, 23.3609,
21.7855

■ 20.4343, 22.8739,
17.6937

■ 22.7964, 23.8996,
26.4818

■ 19.4316, 22.4338,
14.1803

■ 24.1649, 24.4887,
31.8041

■ 18.5412, 22.0394,
11.2196

■ 25.6640, 25.1309,
37.7749

■ 17.7577, 21.6886,
8.7834

■ 27.2979, 25.8279,
44.4150

■ 17.0752, 21.3790,
6.8410

■ 29.0702, 26.5812,
51.7443

■ 16.4872, 21.1081,
5.3584

■ 30.9847, 27.3922,
59.7819

■ 15.9865, 20.8729,
4.2974

■ 33.0449, 28.2624,
68.5462

■ 15.5645, 20.6701,
3.6138

■ 35.2541, 29.1932,
78.0549

■ 15.1997, 20.4909,
3.1942

■ 37.6158, 30.1858,
88.3249

Harmonies

Analogous

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



22.3059, 23.3609, 21.4039



21.5537, 23.3609, 21.7855



20.9876, 23.3609, 23.1240

Triad

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



21.5537, 23.3609, 21.7855



21.3811, 23.3609, 29.1524



23.7271, 23.3609, 25.7290

Complementary

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



21.5537, 23.3609, 21.7855



19.5757, 19.9261, 25.3699

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.



23.4662, 23.3609, 27.8973



21.5537, 23.3609, 21.7855



22.1021, 23.3609, 29.9453

Square

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



21.5537, 23.3609, 21.7855



20.8896, 23.3609, 27.3632



22.8669, 23.3609, 29.4732



23.5720, 23.3609, 23.6016

Rectangle

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



21.5537, 23.3609, 21.7855



20.7858, 23.3609, 24.4216



22.8669, 23.3609, 29.4732



23.6849, 23.3609, 26.4782

Sweetspot

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



21.5543, 23.3619, 21.7860



39.2370, 41.7063, 43.1247



20.5528, 20.8895, 21.3616



8.8032, 9.3802, 9.5772



64.0503, 67.3860, 73.3833



8.9945, 9.4630, 10.3052

Same Dimension

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



21.5543, 23.3619, 21.7860



37.5049, 40.9550, 36.6428



20.6430, 22.8921, 21.7434



4.9655, 5.3848, 5.0070



14.2163, 19.1887, 2.9545



0.0543, 0.0691, 0.0105

Inverse Universe

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



19.5757, 19.9261, 25.3699



33.1952, 33.4710, 44.4494



20.4693, 20.3867, 25.4117



4.5016, 4.5792, 5.8474



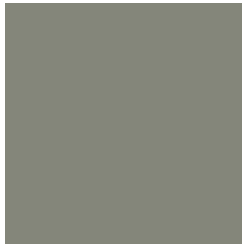
4.3569, 1.7802, 21.2507



0.0193, 0.0083, 0.0738

Previews

White Background



This preview shows how the XYZ color 21.5537, 23.3609, 21.7855 looks on a white background.

Color Contrast Check

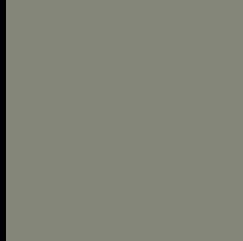
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.5537, 23.3609, 21.7855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

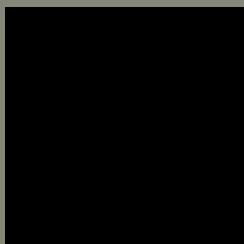
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

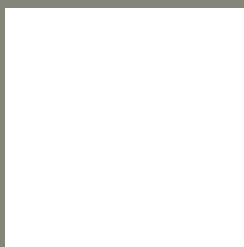
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.5537, 23.3609, 21.7855

Background



This preview shows how black text looks on a background with the XYZ color 21.5537, 23.3609, 21.7855.



This preview shows how white text looks on a background with the XYZ color 21.5537, 23.3609,

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

21.5537, 23.3609, 21.7855

Protanopia

22.1837, 23.2863, 21.4147

Deuteranopia

23.6887, 23.2580, 21.9796



Tritanopia

22.9157, 23.3066, 28.4901

Trichromacy



Original Color

21.5537, 23.3609, 21.7855

Protanomaly

21.9921, 23.3898, 21.4447

Deuteranomaly

22.8855, 23.2350, 22.0175

Tritanomaly

22.3859, 23.2921, 25.8702

Monochromacy



Original Color

21.5537, 23.3609, 21.7855

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.7995, 23.2391, 23.7587

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.5537, 23.3609, 21.7855 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, 134, 122)` looks like.

```
.text, #text, p{  
    color:rgb(132, 134, 122)  
}
```

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, 134, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 134, 122) }
```

Border

The CSS property to change the border of an element to XYZ 21.5537, 23.3609, 21.7855 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, 134, 122) }
```


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

```
.border{ border-color:rgb(132, 134, 122) }
```

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

Here you see how a box with a 4 pixel rgb(132, 134, 122) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 134, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 134, 122);  
box-shadow:4px 4px 4px 4px rgb(132, 134,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 21.5537, 23.3609, 21.7855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 134, 122) }
```

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

```
.background{ background-color: rgb(132,  
134, 122) }
```

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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