

Converting Colors

XYZ(22.3986, 21.5505, 24.5566)

Have a look what the booklet for
XYZ(22.3986, 21.5505, 24.5566)
contains.

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Color

**XYZ(22.3350, 21.5554,
24.4562)**

Conversions

Conversions Part 1

Format	Color
Hex	8E7B83
RGB	142, 123, 131
RGB Percent	56%, 48%, 51%
CMY	0.4431, 0.5176, 0.4863
CMYK	0.00, 0.13, 0.08, 0.44
HSL	335°, 8%, 52%
HSV	335°, 13%, 56%
XYZ	22.3350, 21.5554, 24.4562
YIQ	129.5930, 8.7560, 6.5160

Conversions

Conversions Part 2

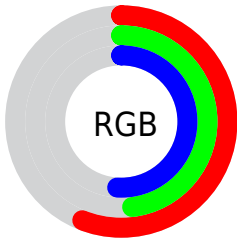
Format	Color
R_{YB}	142, 123, 131
Decimal	9337731
CIE Lab	53.55, 8.75, -1.66
CIE LCh	54, 8.907, 349.283
Yxy	21.5554, 0.3268, 0.3154
Android (android.graphics.Color)	4287527811 (0xFF8E7B83)
YUV	129.5930, 0.6937, 10.8809
Hunter-Lab	46.4278, 4.6223, 1.2680

Details

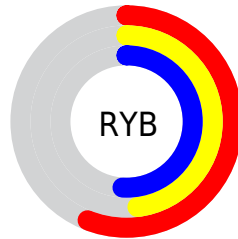
The XYZ color **22.3350, 21.5554, 24.4562** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.1453, 25.2787, 26.2675**, and the grayscale version is **21.0705, 22.1678, 24.1407**.

A 20% lighter version of the original color is **46.7467, 45.8564, 51.7348**, and **8.3854, 7.7821, 9.0428** is the 20% darker color. If you saturate the color by 10%, you get **20.1644, 18.0708, 21.0917**, and if you desaturate by 10%, it is **24.8066, 25.5707, 28.1398**.

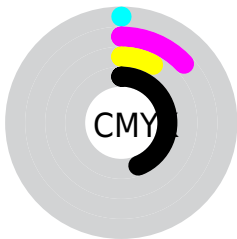
Distribution



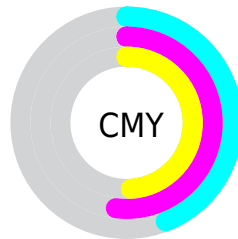
- Red (56%)
- Green (48%)
- Blue (51%)



- Red (56%)
- Yellow (48%)
- Blue (51%)



- Cyan (0%)
- Magenta (13%)
- Yellow (8%)
- Black (44%)



- Cyan (44%)
- Magenta (52%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3350, 21.5554, 24.4562 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 22.3350, 21.5554, 24.4562 by changing the saturation by 10% instead.

■ 22.3350, 21.5554,
24.4562

■ 22.3350, 21.5554,
24.4562

256.8904,
260.2156, 288.4793

■ 14.2212, 13.5306,
15.4571

■ 46.7738, 46.0101,
51.7268

■ 8.3574, 7.7949,
8.9906

■ 63.8296, 63.2087,
70.8353

■ 4.3782, 3.9640,
4.6383

■ 84.5967, 84.2341,
94.1506

■ 1.9183, 1.6534,
1.9817

109.4405,
109.4705, 122.0914

■ 0.5874, 0.3932,
0.5440

138.7265,
139.3025, 155.0761

■ 0.0000, 0.0000,
0.0000

172.8199,

174.1145, 193.5233

212.0860,
214.2907, 237.8515

■ 22.3350, 21.5554,
24.4562

■ 22.3350, 21.5554,
24.4562

■ 20.1644, 18.0708,
21.0917

■ 24.8066, 25.5707,
28.1398

■ 18.2811, 15.0916,
18.0358

■ 27.5886, 30.1348,
32.1497

■ 16.6727, 12.5950,
15.2795

■ 30.6923, 35.2684,
36.4947

■ 15.3255, 10.5550,
12.8128

■ 34.1279, 40.9905,
41.1827

■ 14.2244, 8.9434,
10.6251

■ 37.9051, 47.3189,
46.2214

■ 13.3527, 7.7287,
8.7047

■ 42.0332, 54.2709,
51.6181

■ 12.6914, 6.8748,
7.0393

■ 46.5212, 61.8630,
57.3802

■ 12.2181, 6.3392,
5.6149

■ 51.3776, 70.1111,
63.5145

■ 11.9652, 6.0747,
4.7865

■ 56.6108, 79.0305,
70.0279

Harmonies

Analogous

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



21.9033, 21.5554, 27.0498



22.3350, 21.5554, 24.4562



22.2603, 21.5554, 21.7850

Triad

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



22.3350, 21.5554, 24.4562



19.8906, 21.5554, 18.8715



19.3194, 21.5554, 27.6617

Complementary

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



22.3350, 21.5554, 24.4562



22.1453, 25.2787, 26.2675

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.



18.8119, 21.5554, 25.2401



22.3350, 21.5554, 24.4562



19.1345, 21.5554, 20.2211

Square

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



22.3350, 21.5554, 24.4562



20.8292, 21.5554, 18.6972



18.7453, 21.5554, 22.5110



20.1501, 21.5554, 28.9932

Rectangle

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



22.3350, 21.5554, 24.4562



21.9340, 21.5554, 20.3120



18.7453, 21.5554, 22.5110



19.1065, 21.5554, 26.9398

Sweetspot

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



22.3356, 21.5563, 24.4567



43.4190, 44.5609, 49.1451



21.7606, 21.1691, 28.5305



9.6281, 9.8391, 10.8742



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.



22.3356, 21.5563, 24.4567



38.2014, 36.1011, 41.3160



21.9723, 21.6641, 21.7636



5.4972, 5.4594, 6.1161



10.7518, 5.4577, 4.3441



0.1134, 0.0564, 0.0974

Inverse Universe

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



22.3356, 21.5563, 24.4567



38.2014, 36.1011, 41.3160



22.5371, 25.1356, 29.2552



5.4972, 5.4594, 6.1161



10.7518, 5.4577, 4.3441



0.1134, 0.0564, 0.0974

Previews

White Background



This preview shows how the XYZ color 22.3350, 21.5554, 24.4562 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 22.3350, 21.5554, 24.4562 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 22.3350, 21.5554, 24.4562

Background



This preview shows how black text looks on a background with the XYZ color 22.3350, 21.5554, 24.4562.



This preview shows how white text looks on a background with the XYZ color 22.3350, 21.5554,

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

22.3350, 21.5554, 24.4562

Protanopia

20.9457, 21.5671, 25.6132

Deuteranopia

21.9518, 21.5430, 24.4739



Tritanopia

22.4031, 21.5826, 24.8149

Trichromacy



Original Color

22.3350, 21.5554, 24.4562

Protanomaly

21.5260, 21.6835, 25.2411

Deuteranomaly

22.1196, 21.6294, 24.4818

Tritanomaly

22.4031, 21.5826, 24.8149

Monochromacy



Original Color

22.3350, 21.5554, 24.4562

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.4502, 21.8588, 24.2077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3350, 21.5554, 24.4562 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, 123, 131)` looks like.

```
.text, #text, p{  
    color:rgb(142, 123, 131)  
}
```

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, 123, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 123, 131) }
```

Border

The CSS property to change the border of an element to XYZ 22.3350, 21.5554, 24.4562 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, 123, 131) }
```


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

```
.border{ border-color:rgb(142, 123, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 123, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 123, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 123, 131);  
box-shadow:4px 4px 4px 4px rgb(142, 123,  
131) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3350, 21.5554, 24.4562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 123, 131) }
```

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

```
.background{ background-color: rgb(142,  
123, 131) }
```

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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