

Converting Colors

XYZ(21.9563, 24.0672, 23.3137)

Have a look what the booklet for
XYZ(21.9563, 24.0672, 23.3137)
contains.

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Color

**XYZ(22.0716, 24.2230,
23.2509)**

Conversions

Conversions Part 1

Format	Color
Hex	83897E
RGB	131, 137, 126
RGB Percent	51%, 54%, 49%
CMY	0.4863, 0.4627, 0.5059
CMYK	0.04, 0.00, 0.08, 0.46
HSL	93°, 4%, 52%
HSV	93°, 8%, 54%
XYZ	22.0716, 24.2230, 23.2509
YIQ	133.9520, -0.0450, -4.6930

Conversions

Conversions Part 2

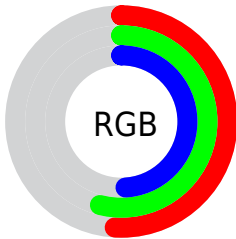
Format	Color
R_{YB}	126, 137, 132
Decimal	8620414
CIE Lab	56.31, -4.35, 5.13
CIE LCh	56, 6.729, 130.326
Yxy	24.2230, 0.3174, 0.3483
Android (android.graphics.Color)	4286810494 (0xFF83897E)
YUV	133.9520, -3.9203, -2.5889
Hunter-Lab	49.2169, -6.0801, 6.4422

Details

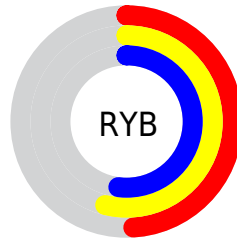
The XYZ color **22.0716, 24.2230, 23.2509** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.4930, 21.6341, 26.7112**, and the grayscale version is **22.6569, 23.8368, 25.9583**.

A 20% lighter version of the original color is **46.3173, 50.2719, 49.9101**, and **8.2274, 9.1461, 8.3529** is the 20% darker color. If you saturate the color by 10%, you get **20.1313, 23.3187, 18.8571**, and if you desaturate by 10%, it is **24.2179, 25.2209, 28.2874**.

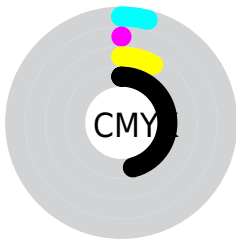
Distribution



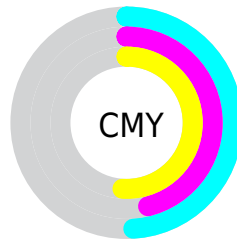
- Red (51%)
- Green (54%)
- Blue (49%)



- Red (49%)
- Yellow (54%)
- Blue (52%)



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (46%)



- Cyan (49%)
- Magenta (46%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.0716, 24.2230, 23.2509 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 22.0716, 24.2230, 23.2509 by changing the saturation by 10% instead.

■ 22.0716, 24.2230,
23.2509

■ 22.0716, 24.2230,
23.2509

255.5453,
273.9460, 282.1746

■ 14.0264, 15.4991,
14.5718

■ 46.3423, 50.3939,
49.7334

■ 8.2209, 9.1704,
8.3762

■ 63.2985, 68.6096,
68.3739

■ 4.2896, 4.8525,
4.2454

■ 83.9557, 90.7582,
91.1720

■ 1.8672, 2.1610,
1.7609

108.6794,
117.2238, 118.5461

■ 0.5577, 0.6986,
0.4020

137.8349,
148.3911, 150.9149

■ 0.0000, 0.0000,
0.0000

171.7874,

184.6442, 188.6969

210.9024,
226.3677, 232.3106

■ 22.0716, 24.2230,
23.2509

■ 22.0716, 24.2230,
23.2509

■ 20.1313, 23.3187,
18.8571

■ 24.2179, 25.2209,
28.2874

■ 18.3883, 22.5020,
15.0786

■ 26.5745, 26.3120,
33.9894

■ 16.8364, 21.7709,
11.8884

■ 29.1481, 27.5000,
40.3805

■ 15.4679, 21.1223,
9.2567

■ 31.9445, 28.7872,
47.4828

■ 14.2749, 20.5526,
7.1512

■ 34.9691, 30.1762,
55.3171

■ 13.2485, 20.0582,
5.5365

■ 38.2274, 31.6692,
63.9037

■ 12.3791, 19.6349,
4.3724

■ 41.7244, 33.2685,
73.2619

■ 11.6558, 19.2781,
3.6127

■ 45.4652, 34.9762,
83.4104

■ 11.0573, 18.9790,
3.1580

■ 49.4545, 36.7944,
94.3671

Harmonies

Analogous

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



22.7570, 24.2230, 22.3922



22.0716, 24.2230, 23.2509



21.6474, 24.2230, 24.9629

Triad

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



22.0716, 24.2230, 23.2509



22.5248, 24.2230, 30.6041



24.5217, 24.2230, 25.6165

Complementary

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



22.0716, 24.2230, 23.2509



21.4930, 21.6341, 26.7112

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.



24.4562, 24.2230, 27.8388



22.0716, 24.2230, 23.2509



23.2916, 24.2230, 30.8035

Square

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



22.0716, 24.2230, 23.2509



21.9050, 24.2230, 29.2362



24.0018, 24.2230, 29.7665



24.1789, 24.2230, 23.7063

Rectangle

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



22.0716, 24.2230, 23.2509



21.5640, 24.2230, 26.3991



24.0018, 24.2230, 29.7665



24.5469, 24.2230, 26.3504

Sweetspot

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



22.0723, 24.2240, 23.2514



41.7807, 44.4271, 46.8946



22.3166, 23.2921, 23.0587



9.3833, 9.9704, 10.5467



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



22.0723, 24.2240, 23.2514



38.7331, 43.0096, 39.8168



21.3402, 23.8439, 23.3409



5.1736, 5.7122, 5.3823



10.2115, 17.6342, 2.8655



0.0844, 0.1257, 0.0198

Inverse Universe

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



21.4930, 21.6341, 26.7112



37.4319, 37.1916, 47.5890



22.2675, 22.0364, 26.6104



5.0183, 5.0179, 6.3099



6.9047, 3.0736, 22.2750



0.0628, 0.0291, 0.1488

Previews

White Background



This preview shows how the XYZ color 22.0716, 24.2230, 23.2509 looks on a white background.

Color Contrast Check

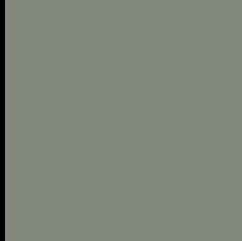
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.0716, 24.2230, 23.2509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

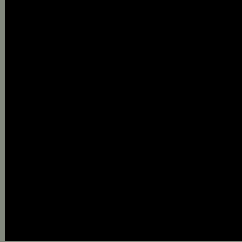
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

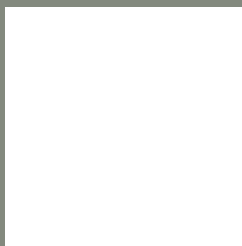
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.0716, 24.2230, 23.2509

Background



This preview shows how black text looks on a background with the XYZ color 22.0716, 24.2230, 23.2509.

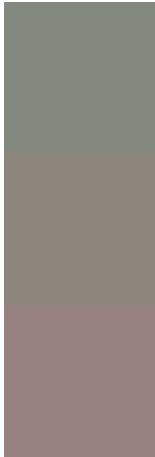


This preview shows how white text looks on a background with the XYZ color 22.0716, 24.2230,

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

22.0716, 24.2230, 23.2509

Protanopia

23.0420, 24.1063, 22.8406

Deuteranopia

24.5759, 24.0769, 23.4307



Tritanopia

23.4674, 24.1629, 30.2151

Trichromacy



Original Color

22.0716, 24.2230, 23.2509

Protanomaly

22.6822, 24.1270, 22.8635

Deuteranomaly

23.7199, 24.2367, 23.5066

Tritanomaly

22.9243, 24.1495, 27.4978

Monochromacy



Original Color

22.0716, 24.2230, 23.2509

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.4336, 23.9532, 24.9138

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.0716, 24.2230, 23.2509 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(131, 137, 126)` looks like.

```
.text, #text, p{  
    color:rgb(131, 137, 126)  
}
```

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(131, 137, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 137, 126) }
```

Border

The CSS property to change the border of an element to XYZ 22.0716, 24.2230, 23.2509 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(131, 137, 126) }
```


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

```
.border{ border-color:rgb(131, 137, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 137, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 137, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 137, 126);  
box-shadow:4px 4px 4px 4px rgb(131, 137,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 22.0716, 24.2230, 23.2509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 137, 126) }
```

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

```
.background{ background-color: rgb(131,  
137, 126) }
```

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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