

Converting Colors

XYZ(20.6892, 23.5323, 22.1906)

Have a look what the booklet for
XYZ(20.6892, 23.5323, 22.1906)
contains.

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Color

**XYZ(20.6892, 23.5323,
22.1906)**

Conversions

Conversions Part 1

Format	Color
Hex	7B897B
RGB	123, 137, 123
RGB Percent	48%, 54%, 48%
CMY	0.5176, 0.4627, 0.5176
CMYK	0.10, 0.00, 0.10, 0.46
HSL	120°, 6%, 51%
HSV	120°, 10%, 54%
XYZ	20.6892, 23.5323, 22.1906
YIQ	131.2180, -3.8500, -7.3220

Conversions

Conversions Part 2

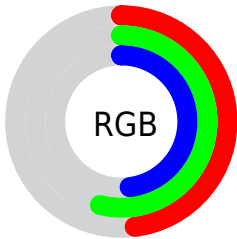
Format	Color
RYB	123, 137, 137
Decimal	8096123
CIELab	55.62, -7.92, 5.78
CIELCh	56, 9.804, 143.877
Yxy	23.5323, 0.3115, 0.3543
Android (android.graphics.Color)	4286286203 (0xFF7B897B)
YUV	131.2180, -4.0515, -7.2072
Hunter-Lab	48.5101, -8.7637, 6.8353

Details

The XYZ color **20.6892, 23.5323, 22.1906** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.9156, 21.2910, 26.6225**, and the grayscale version is **21.6668, 22.7952, 24.8240**.

A 20% lighter version of the original color is **44.0558, 49.1522, 47.7228**, and **7.4683, 8.7666, 7.7771** is the 20% darker color. If you saturate the color by 10%, you get **18.0664, 22.2731, 17.8999**, and if you desaturate by 10%, it is **23.7077, 24.9829, 27.1274**.

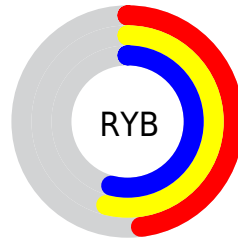
Distribution



Red (48%)

Green (54%)

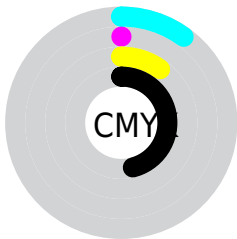
Blue (48%)



Red (48%)

Yellow (54%)

Blue (54%)

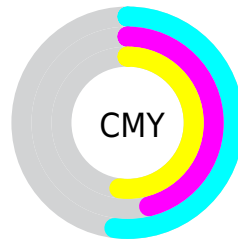


Cyan (10%)

Magenta (0%)

Yellow (10%)

Black (46%)



Cyan (52%)

Magenta (46%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6892, 23.5323, 22.1906 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 20.6892, 23.5323, 22.1906 by changing the saturation by 10% instead.

■ 20.6892, 23.5323,
22.1906

■ 20.6892, 23.5323,
22.1906

248.3852,
270.4473, 276.5259

■ 13.0082, 14.9870,
13.7974

■ 44.0649, 49.2659,
47.9670

■ 7.5112, 8.8103,
7.8427

■ 60.4903, 67.2230,
66.1873

■ 3.8330, 4.6177,
3.9081

■ 80.5611, 89.0862,
88.5204

■ 1.6081, 2.0247,
1.5751

104.6428,
115.2399, 115.3847

■ 0.3977, 0.6218,
0.2730

133.1007,
146.0685, 147.1989

■ 0.0000, 0.0000,
0.0000

166.3002,

181.9563, 184.3815

204.6066,
223.2878, 227.3510

■ 20.6892, 23.5323,
22.1906

■ 20.6892, 23.5323,
22.1906

■ 18.0664, 22.2731,
17.8999

■ 23.7077, 24.9829,
27.1274

■ 15.8210, 21.1946,
14.2272

■ 27.1352, 26.6293,
32.7338

■ 13.9363, 20.2893,
11.1444

■ 30.9869, 28.4795,
39.0341

■ 12.3935, 19.5482,
8.6208

■ 35.2767, 30.5401,
46.0510

■ 11.1721, 18.9614,
6.6229

■ 40.0177, 32.8175,
53.8059

■ 10.2493, 18.5182,
5.1137

■ 45.2226, 35.3176,
62.3195

■ 9.5997, 18.2062,
4.0511

■ 50.9034, 38.0464,
71.6117

■ 9.1933, 18.0109,
3.3863

■ 57.0719, 41.0094,
81.7017

■ 8.9461, 17.8922,
2.9820

■ 63.7394, 44.2122,
92.6077

Harmonies

Analogous

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



21.5152, 23.5323, 20.4373



20.6892, 23.5323, 22.1906



20.3141, 23.5323, 24.9772

Triad

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



20.6892, 23.5323, 22.1906



22.1402, 23.5323, 32.1825



24.3725, 23.5323, 23.2309

Complementary

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



20.6892, 23.5323, 22.1906



21.9156, 21.2910, 26.6225

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.



24.5532, 23.5323, 26.2792



20.6892, 23.5323, 22.1906



23.2405, 23.5323, 31.6183

Square

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



20.6892, 23.5323, 22.1906



21.1339, 23.5323, 30.8753



24.1326, 23.5323, 29.3915



23.6467, 23.5323, 21.0023

Rectangle

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



20.6892, 23.5323, 22.1906



20.3611, 23.5323, 27.1145



24.1326, 23.5323, 29.3915



24.5000, 23.5323, 24.1866

Sweetspot

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



20.6898, 23.5333, 22.1911



40.8426, 43.9637, 45.9420



22.8052, 24.5746, 22.2806



9.0684, 9.8165, 10.1535



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.



20.6898, 23.5333, 22.1911



36.0330, 41.6534, 38.0749



21.1284, 23.7087, 24.5004



4.9719, 5.6082, 5.3728



8.3329, 16.6657, 2.7776



0.0554, 0.1107, 0.0185

Inverse Universe

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



21.9156, 21.2910, 26.6225



38.6317, 36.8997, 47.4694



21.4452, 21.1028, 24.1450



5.2339, 5.1290, 6.3200



13.8156, 6.6363, 22.5985



0.0918, 0.0441, 0.1501

Previews

White Background



This preview shows how the XYZ color 20.6892, 23.5323, 22.1906 looks on a white background.

Color Contrast Check

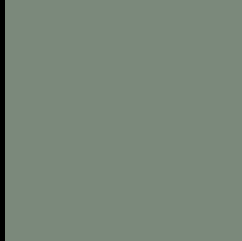
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6892, 23.5323, 22.1906 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 20.6892, 23.5323, 22.1906

Background



This preview shows how black text looks on a background with the XYZ color 20.6892, 23.5323, 22.1906.



This preview shows how white text looks on a background with the XYZ color 20.6892, 23.5323,

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

20.6892, 23.5323, 22.1906

Protanopia

22.3200, 23.5588, 21.4601

Deuteranopia

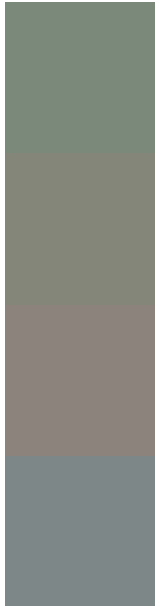
23.8153, 23.3086, 22.6458



Tritanopia

22.1633, 23.4994, 29.7533

Trichromacy



Original Color

20.6892, 23.5323, 22.1906

Protanomaly

21.7108, 23.4419, 21.7928

Deuteranomaly

22.5696, 23.2633, 22.3695

Tritanomaly

21.5654, 23.4655, 26.6852

Monochromacy



Original Color

20.6892, 23.5323, 22.1906

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.1859, 22.9228, 23.7300

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6892, 23.5323, 22.1906 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(123, 137, 123)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 20.6892, 23.5323, 22.1906 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(123, 137, 123) }
```


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

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

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

Background

The CSS property to change the background color of an element to XYZ 20.6892, 23.5323, 22.1906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(123,  
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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