

Converting Colors

XYZ(20.6469, 23.0833, 22.3511)

Have a look what the booklet for
XYZ(20.6469, 23.0833, 22.3511)
contains.

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Color

**XYZ(20.6142, 23.0683,
22.4349)**

Conversions

Conversions Part 1

Format	Color
Hex	7C877C
RGB	124, 135, 124
RGB Percent	49%, 53%, 49%
CMY	0.5137, 0.4706, 0.5137
CMYK	0.08, 0.00, 0.08, 0.47
HSL	120°, 4%, 51%
HSV	120°, 8%, 53%
XYZ	20.6142, 23.0683, 22.4349
YIQ	130.4570, -3.0250, -5.7530

Conversions

Conversions Part 2

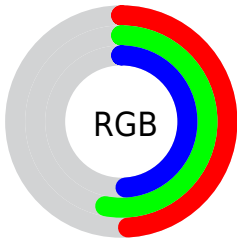
Format	Color
RYB	124, 135, 135
Decimal	8161148
CIELab	55.14, -6.24, 4.53
CIELCh	55, 7.712, 144.011
Yxy	23.0683, 0.3118, 0.3489
Android (android.graphics.Color)	4286351228 (0xFF7C877C)
YUV	130.4570, -3.1833, -5.6628
Hunter-Lab	48.0295, -7.4396, 5.9259

Details

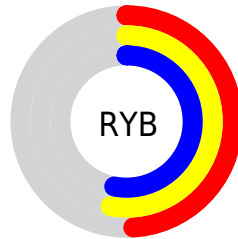
The XYZ color **20.6142, 23.0683, 22.4349** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.5733, 21.3159, 25.9001**, and the grayscale version is **21.3923, 22.5063, 24.5094**.

A 20% lighter version of the original color is **43.9512, 48.4481, 48.1092**, and **7.4201, 8.5009, 7.9064** is the 20% darker color. If you saturate the color by 10%, you get **17.9991, 21.8128, 18.1570**, and if you desaturate by 10%, it is **23.6146, 24.5102, 27.3419**.

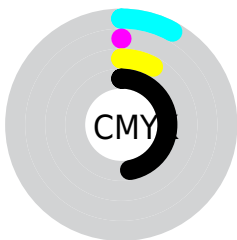
Distribution



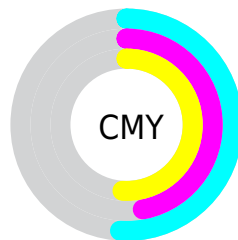
- Red (49%)
- Green (53%)
- Blue (49%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (8%)
- Black (47%)



- Cyan (51%)
- Magenta (47%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 20.6142, 23.0683, 22.4349 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 20.6142, 23.0683, 22.4349 by changing the saturation by 10% instead.

■ 20.6142, 23.0683,
22.4349

■ 20.6142, 23.0683,
22.4349

247.9917,
268.0756, 277.8363

■ 12.9531, 14.6439,
13.9754

■ 43.9407, 48.5055,
48.3751

■ 7.4731, 8.5699,
7.9650

■ 60.3368, 66.2870,
66.6930

■ 3.8086, 4.4617,
3.9851

■ 80.3754, 87.9565,
89.1340

■ 1.5944, 1.9350,
1.6172

104.4217,
113.8982, 116.1168

■ 0.3888, 0.5693,
0.3030

132.8412,
144.4966, 148.0599

■ 0.0000, 0.0000,
0.0000

165.9991,

180.1360, 185.3818

204.2608,
221.2009, 228.5011

■ 20.6142, 23.0683,
22.4349

■ 20.6142, 23.0683,
22.4349

■ 17.9991, 21.8128,
18.1570

■ 23.6146, 24.5102,
27.3419

■ 15.7519, 20.7334,
14.4814

■ 27.0131, 26.1427,
32.9005

■ 13.8568, 19.8230,
11.3816

■ 30.8241, 27.9733,
39.1338

■ 12.2957, 19.0732,
8.8282

■ 35.0608, 30.0084,
46.0634

■ 11.0495, 18.4746,
6.7898

■ 39.7358, 32.2541,
53.7099

■ 10.0968, 18.0169,
5.2313

■ 44.8612, 34.7161,
62.0930

■ 9.4134, 17.6887,
4.1135

■ 50.4487, 37.4000,
71.2318

■ 8.9717, 17.4765,
3.3908

■ 56.5093, 40.3113,
81.1446

■ 8.7094, 17.3505,
2.9619

■ 63.0540, 43.4550,
91.8490

Harmonies

Analogous

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



21.2594, 23.0683, 21.0333



20.6142, 23.0683, 22.4349



20.3212, 23.0683, 24.6263

Triad

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



20.6142, 23.0683, 22.4349



21.7536, 23.0683, 30.1303



23.4719, 23.0683, 23.2384

Complementary

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



20.6142, 23.0683, 22.4349



21.5733, 21.3159, 25.9001

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.



23.6125, 23.0683, 25.6151



20.6142, 23.0683, 22.4349



22.6058, 23.0683, 29.6988

Square

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



20.6142, 23.0683, 22.4349



20.9679, 23.0683, 29.1494



23.2917, 23.0683, 28.0058



22.9123, 23.0683, 21.4756

Rectangle

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



20.6142, 23.0683, 22.4349



20.3594, 23.0683, 26.2821



23.2917, 23.0683, 28.0058



23.5703, 23.0683, 23.9877

Sweetspot

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



20.6148, 23.0693, 22.4354



40.1114, 42.8457, 45.4032



22.2948, 23.9353, 22.5138



9.3066, 9.9309, 10.5431



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.



20.6148, 23.0693, 22.4354



35.8883, 40.8171, 38.4956



20.9726, 23.2124, 24.3193



4.6163, 5.2048, 4.9907



7.9893, 15.9786, 2.6633



0.0277, 0.0554, 0.0092

Inverse Universe

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



21.5733, 21.3159, 25.9001



38.0121, 36.9319, 46.1729



21.1958, 21.1649, 23.9123



4.8579, 4.7628, 5.8640



13.2457, 6.3626, 21.6640



0.0459, 0.0220, 0.0751

Previews

White Background



This preview shows how the XYZ color 20.6142, 23.0683, 22.4349 looks on a white background.

Color Contrast Check

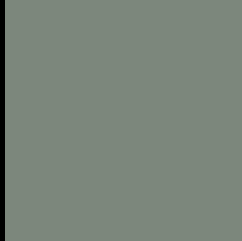
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.6142, 23.0683, 22.4349 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 20.6142, 23.0683, 22.4349

Background



This preview shows how black text looks on a background with the XYZ color 20.6142, 23.0683, 22.4349.

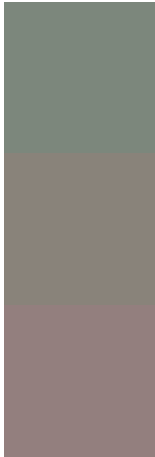


This preview shows how white text looks on a background with the XYZ color 20.6142, 23.0683,

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

20.6142, 23.0683, 22.4349

Protanopia

21.9457, 22.9561, 21.6867

Deuteranopia

23.3879, 22.8881, 22.9238



Tritanopia

21.9616, 22.9977, 29.2681

Trichromacy



Original Color

20.6142, 23.0683, 22.4349

Protanomaly

21.3421, 22.8381, 22.0222

Deuteranomaly

22.3318, 22.9349, 22.6519

Tritanomaly

21.4356, 22.9883, 26.5999

Monochromacy



Original Color

20.6142, 23.0683, 22.4349

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.0496, 22.6502, 23.6846

CSS Examples

Text

The CSS property to change the color of the text to XYZ 20.6142, 23.0683, 22.4349 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(124, 135, 124)` looks like.

```
.text, #text, p{  
    color:rgb(124, 135, 124)  
}
```

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(124, 135, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 135, 124) }
```

Border

The CSS property to change the border of an element to XYZ 20.6142, 23.0683, 22.4349 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(124, 135, 124) }
```


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

```
.border{ border-color:rgb(124, 135, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 135, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 135, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 135, 124);  
box-shadow:4px 4px 4px 4px rgb(124, 135,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 20.6142, 23.0683, 22.4349 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 135, 124) }
```

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

```
.background{ background-color: rgb(124,  
135, 124) }
```

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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