

Converting Colors

XYZ(20.9113, 22.9009, 24.4356)

Have a look what the booklet for
XYZ(20.9113, 22.9009, 24.4356)
contains.

XYZ(21.0118, 23.0219, 24.4553)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(21.0118, 23.0219,
24.4553)**

Conversions

Conversions Part 1

Format	Color
Hex	7D8682
RGB	125, 134, 130
RGB Percent	49%, 53%, 51%
CMY	0.5098, 0.4745, 0.4902
CMYK	0.07, 0.00, 0.03, 0.47
HSL	153°, 4%, 51%
HSV	153°, 7%, 53%
XYZ	21.0118, 23.0219, 24.4553
YIQ	130.8530, -4.0800, -3.1520

Conversions

Conversions Part 2

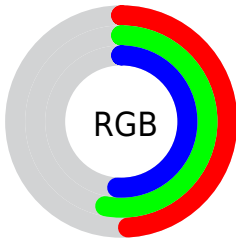
Format	Color
R_{YB}	125, 131, 134
Decimal	8226434
CIE Lab	55.09, -4.12, 1.01
CIE LCh	55, 4.237, 166.275
Yxy	23.0219, 0.3068, 0.3361
Android (android.graphics.Color)	4286416514 (0xFF7D8682)
YUV	130.8530, -0.4205, -5.1331
Hunter-Lab	47.9811, -5.7987, 3.3675

Details

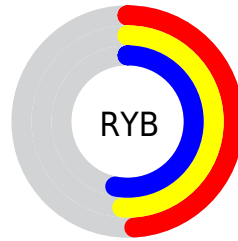
The XYZ color **21.0118, 23.0219, 24.4553** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.1284, 21.3211, 23.7718**, and the grayscale version is **21.5240, 22.6449, 24.6603**.

A 20% lighter version of the original color is **44.6777, 48.4245, 51.7918**, and **7.6360, 8.4712, 9.0172** is the 20% darker color. If you saturate the color by 10%, you get **18.7978, 21.9260, 22.3246**, and if you desaturate by 10%, it is **23.5143, 24.2651, 26.7214**.

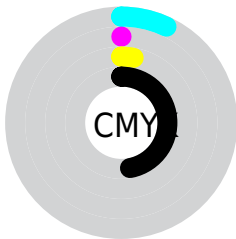
Distribution



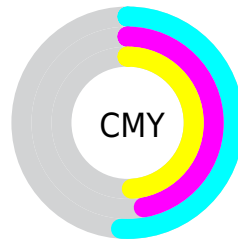
- Red (49%)
- Green (53%)
- Blue (51%)



- Red (49%)
- Yellow (51%)
- Blue (53%)



- Cyan (7%)
- Magenta (0%)
- Yellow (3%)
- Black (47%)



- Cyan (51%)
- Magenta (47%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0118, 23.0219, 24.4553 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 21.0118, 23.0219, 24.4553 by changing the saturation by 10% instead.

■ 21.0118, 23.0219,
24.4553

■ 21.0118, 23.0219,
24.4553

250.0717,
267.8375, 288.4747

■ 13.2451, 14.6097,
15.4564

■ 44.5983, 48.4293,
51.7253

■ 7.6757, 8.5459,
8.9901

■ 61.1488, 66.1932,
70.8334

■ 3.9382, 4.4462,
4.6380

■ 81.3581, 87.8432,
94.1484

■ 1.6672, 1.9262,
1.9815

105.5913,
113.7636, 122.0888

■ 0.4356, 0.5640,
0.5439

134.2140,
144.3389, 155.0730

■ 0.0000, 0.0000,
0.0000

167.5913,

179.9533, 193.5197

206.0888,
220.9914, 237.8474

■ 21.0118, 23.0219,
24.4553

■ 21.0118, 23.0219,
24.4553

■ 18.7978, 21.9260,
22.3246

■ 23.5143, 24.2651,
26.7214

■ 16.8593, 20.9690,
20.3251

■ 26.3135, 25.6578,
29.1238

■ 15.1855, 20.1458,
18.4548

■ 29.4199, 27.2062,
31.6653

■ 13.7639, 19.4500,
16.7110

■ 32.8428, 28.9150,
34.3484

■ 12.5810, 18.8749,
15.0908

■ 36.5911, 30.7886,
37.1752

■ 11.6220, 18.4127,
13.5913

■ 40.6734, 32.8315,
40.1480

■ 10.8704, 18.0550,
12.2093

■ 45.0978, 35.0479,
43.2689

■ 10.3072, 17.7922,
10.9416

■ 49.8723, 37.4418,
46.5401

■ 9.8985, 17.6066,
9.7841

■ 55.0046, 40.0171,
49.9635

Harmonies

Analogous

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



21.2323, 23.0219, 23.3130



21.0118, 23.0219, 24.4553



21.0220, 23.0219, 25.8024

Triad

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



21.0118, 23.0219, 24.4553



22.1369, 23.0219, 27.6456



22.5149, 23.0219, 23.2352

Complementary

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



21.0118, 23.0219, 24.4553



21.1284, 21.3211, 23.7718

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.



22.7644, 23.0219, 24.3456



21.0118, 23.0219, 24.4553



22.5440, 23.0219, 26.9067

Square

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



21.0118, 23.0219, 24.4553



21.6670, 23.0219, 27.6775



22.7751, 23.0219, 25.6887



22.0977, 23.0219, 22.6259

Rectangle

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



21.0118, 23.0219, 24.4553



21.1581, 23.0219, 26.6364



22.7751, 23.0219, 25.6887



22.6214, 23.0219, 23.5604

Sweetspot

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



21.0124, 23.0229, 24.4558



39.0160, 41.5524, 44.9224



21.2884, 23.2030, 22.7589



8.8040, 9.3684, 10.1334



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.



21.0124, 23.0229, 24.4558



36.4200, 40.2644, 42.5244



21.2243, 23.0083, 25.8779



4.7165, 5.2448, 5.5182



9.1666, 16.4495, 8.8625



0.0354, 0.0585, 0.0501

Inverse Universe

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



21.1284, 21.3211, 23.7718



36.6663, 36.6502, 41.0717



20.9246, 21.3310, 22.4168



4.7522, 4.7206, 5.3075



9.9727, 5.0534, 4.4286



0.0381, 0.0189, 0.0342

Previews

White Background



This preview shows how the XYZ color 21.0118, 23.0219, 24.4553 looks on a white background.

Color Contrast Check

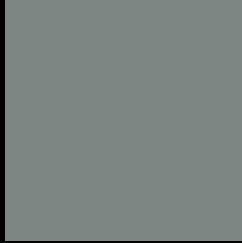
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0118, 23.0219, 24.4553 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

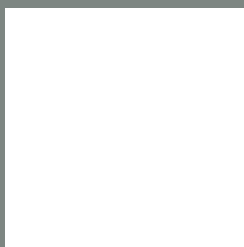
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.0118, 23.0219, 24.4553

Background



This preview shows how black text looks on a background with the XYZ color 21.0118, 23.0219, 24.4553.



This preview shows how white text looks on a background with the XYZ color 21.0118, 23.0219,

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

21.0118, 23.0219, 24.4553

Protanopia

22.0043, 22.9420, 23.6906

Deuteranopia

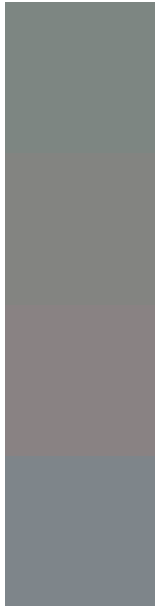
23.3175, 23.0063, 24.6844



Tritanopia

21.9616, 22.9977, 29.2681

Trichromacy



Original Color

21.0118, 23.0219, 24.4553

Protanomaly

21.5738, 22.9128, 24.0544

Deuteranomaly

22.3959, 22.9223, 24.7168

Tritanomaly

21.5792, 23.0457, 27.3557

Monochromacy



Original Color

21.0118, 23.0219, 24.4553

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

21.4013, 22.8083, 24.7472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0118, 23.0219, 24.4553 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(125, 134, 130)` looks like.

```
.text, #text, p{  
    color:rgb(125, 134, 130)  
}
```

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(125, 134, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 134, 130) }
```

Border

The CSS property to change the border of an element to XYZ 21.0118, 23.0219, 24.4553 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(125, 134, 130) }
```


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

```
.border{ border-color:rgb(125, 134, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 134, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 134, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 134, 130);  
box-shadow:4px 4px 4px 4px rgb(125, 134,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0118, 23.0219, 24.4553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 134, 130) }
```

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

```
.background{ background-color: rgb(125,  
134, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor