

Converting Colors

XYZ(21.8418, 23.5658, 17.3352)

Have a look what the booklet for
XYZ(21.8418, 23.5658, 17.3352)
contains.

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Color

**XYZ(21.8264, 23.6007,
17.3149)**

Conversions

Conversions Part 1

Format	Color
Hex	8B866B
RGB	139, 134, 107
RGB Percent	55%, 53%, 42%
CMY	0.4549, 0.4745, 0.5804
CMYK	0.00, 0.04, 0.23, 0.45
HSL	51°, 13%, 48%
HSV	51°, 23%, 55%
XYZ	21.8264, 23.6007, 17.3149
YIQ	132.4170, 11.6470, -7.3370

Conversions

Conversions Part 2

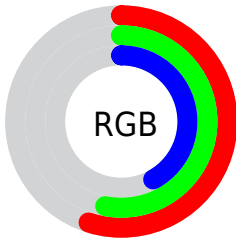
Format	Color
R_{YB}	113, 139, 107
Decimal	9143915
CIE _{Lab}	55.69, -2.80, 15.24
CIE _{LCh}	56, 15.497, 100.428
Yxy	23.6007, 0.3479, 0.3762
Android (android.graphics.Color)	4287333995 (0xFF8B866B)
YUV	132.4170, -12.5306, 5.7733
Hunter-Lab	48.5806, -4.8190, 12.8745

Details

The XYZ color **21.8264, 23.6007, 17.3149** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.5177, 16.5778, 26.7555**, and the grayscale version is **22.1242, 23.2764, 25.3480**.

A 20% lighter version of the original color is **45.9342, 49.3467, 39.4516**, and **8.1839, 8.9471, 5.5706** is the 20% darker color. If you saturate the color by 10%, you get **20.8564, 22.7384, 13.6691**, and if you desaturate by 10%, it is **22.9214, 24.5245, 21.5830**.

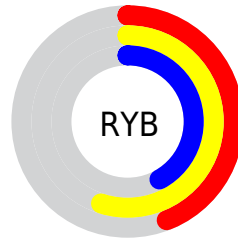
Distribution



Red (55%)

Green (53%)

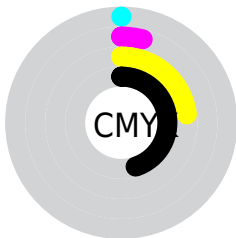
Blue (42%)



Red (44%)

Yellow (55%)

Blue (42%)

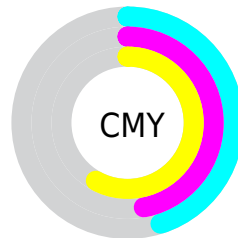


Cyan (0%)

Magenta (4%)

Yellow (23%)

Black (45%)



Cyan (45%)

Magenta (47%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8264, 23.6007, 17.3149 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 21.8264, 23.6007, 17.3149 by changing the saturation by 10% instead.

■ 21.8264, 23.6007,
17.3149

■ 21.8264, 23.6007,
17.3149

254.2878,
270.7955, 249.0857

■ 13.8453, 15.0377,
10.2949

■ 45.9399, 49.3778,
39.6645

■ 8.0941, 8.8458,
5.4868

■ 62.8030, 67.3607,
55.8311

■ 4.2075, 4.6408,
2.4719

■ 83.3575, 89.2523,
75.8838

■ 1.8202, 2.0381,
0.8252

■ 107.9686,
115.4371, 100.2409

■ 0.5298, 0.6294,
0.0000

137.0019,
146.2994, 129.3212

■ 0.0000, 0.0000,
0.0000

170.8226,

182.2236, 163.5430

209.7961,
223.5942, 203.3250

■ 21.8264, 23.6007,
17.3149

■ 21.8264, 23.6007,
17.3149

■ 20.8564, 22.7384,
13.6691

■ 22.9214, 24.5245,
21.5830

■ 20.0040, 21.9321,
10.6145

■ 24.1447, 25.5087,
26.4994

■ 19.2635, 21.1803,
8.1198

■ 25.5020, 26.5565,
32.0907

■ 18.6283, 20.4804,
6.1498

■ 26.9980, 27.6697,
38.3811

■ 18.0911, 19.8292,
4.6657

■ 28.6371, 28.8503,
45.3941

■ 17.6433, 19.2233,
3.6231

■ 30.4236, 30.1000,
53.1519

■ 17.2749, 18.6588,
2.9696

■ 32.3615, 31.4204,
61.6755

■ 17.0433, 18.2805,
2.6302

■ 34.4547, 32.8132,
70.9855

■ 36.7069, 34.2800,
81.1015

Harmonies

Analogous

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



23.5815, 23.6007, 17.6233



21.8264, 23.6007, 17.3149



20.3135, 23.6007, 19.0191

Triad

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



21.8264, 23.6007, 17.3149



19.9594, 23.6007, 32.4889



25.7645, 23.6007, 29.0731

Complementary

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



21.8264, 23.6007, 17.3149



16.5177, 16.5778, 26.7555

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.



24.6924, 23.6007, 33.7797



21.8264, 23.6007, 17.3149



21.3200, 23.6007, 35.9229

Square

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



21.8264, 23.6007, 17.3149



19.2735, 23.6007, 27.4867



23.0482, 23.6007, 36.4239



25.9175, 23.6007, 23.9870

Rectangle

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



21.8264, 23.6007, 17.3149



19.6225, 23.6007, 21.2159



23.0482, 23.6007, 36.4239



25.4971, 23.6007, 30.7687

Sweetspot

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



21.8270, 23.6018, 17.3154



42.3051, 44.9397, 43.6745



18.8486, 17.1819, 17.7500



9.7233, 10.3353, 9.9639



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.



21.8270, 23.6018, 17.3154



38.0903, 41.3897, 27.2260



20.8390, 24.1420, 17.4718



5.3657, 5.7142, 5.3725



15.3924, 16.5191, 2.3772



0.1106, 0.1263, 0.0186

Inverse Universe

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



16.5177, 16.5778, 26.7555



26.7338, 26.3674, 47.4234



17.3442, 16.2080, 26.6406



4.8337, 5.0103, 6.3182



4.4688, 2.2080, 22.2363



0.0366, 0.0285, 0.1500

Previews

White Background



This preview shows how the XYZ color 21.8264, 23.6007, 17.3149 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 21.8264, 23.6007, 17.3149 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

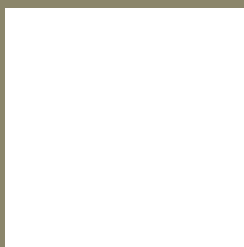
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.8264, 23.6007, 17.3149

Background



This preview shows how black text looks on a background with the XYZ color 21.8264, 23.6007, 17.3149.



This preview shows how white text looks on a background with the XYZ color 21.8264, 23.6007,

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

21.8264, 23.6007, 17.3149

Protanopia

22.1967, 23.5874, 17.2928

Deuteranopia

23.9435, 23.4896, 17.4593



Tritanopia

24.0439, 23.6984, 28.1179

Trichromacy



Original Color

21.8264, 23.6007, 17.3149

Protanomaly

22.0259, 23.4993, 17.2849

Deuteranomaly

23.0838, 23.4375, 17.4946

Tritanomaly

23.1679, 23.5419, 23.7450

Monochromacy



Original Color

21.8264, 23.6007, 17.3149

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.9544, 23.3560, 22.0899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8264, 23.6007, 17.3149 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(139, 134, 107)` looks like.

```
.text, #text, p{  
    color:rgb(139, 134, 107)  
}
```

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(139, 134, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 134, 107) }
```

Border

The CSS property to change the border of an element to XYZ 21.8264, 23.6007, 17.3149 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(139, 134, 107) }
```


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

```
.border{ border-color:rgb(139, 134, 107) }
```

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

Here you see how a box with a 4 pixel rgb(139, 134, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 134, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 134, 107);  
box-shadow:4px 4px 4px 4px rgb(139, 134,  
107) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8264, 23.6007, 17.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 134, 107) }
```

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

```
.background{ background-color: rgb(139,  
134, 107) }
```

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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