

Converting Colors

XYZ(21.1830, 23.6782, 21.9754)

Have a look what the booklet for
XYZ(21.1830, 23.6782, 21.9754)
contains.

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Color

**XYZ(21.0694, 23.5255,
21.8427)**

Conversions

Conversions Part 1

Format	Color
Hex	7F887A
RGB	127, 136, 122
RGB Percent	50%, 53%, 48%
CMY	0.5020, 0.4667, 0.5216
CMYK	0.07, 0.00, 0.10, 0.47
HSL	99°, 6%, 51%
HSV	99°, 10%, 53%
XYZ	21.0694, 23.5255, 21.8427
YIQ	131.7130, -0.8700, -6.2620

Conversions

Conversions Part 2

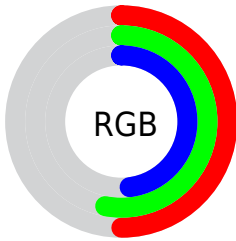
Format	Color
R_{YB}	122, 136, 131
Decimal	8358010
CIE Lab	55.61, -6.06, 6.39
CIE LCh	56, 8.802, 133.491
Yxy	23.5255, 0.3171, 0.3541
Android (android.graphics.Color)	4286548090 (0xFF7F887A)
YUV	131.7130, -4.7885, -4.1333
Hunter-Lab	48.5031, -7.3413, 7.2517

Details

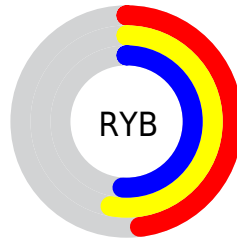
The XYZ color **21.0694, 23.5255, 21.8427** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.7644, 20.5225, 26.1607**, and the grayscale version is **21.8463, 22.9840, 25.0295**.

A 20% lighter version of the original color is **44.6600, 49.1545, 47.1783**, and **7.6723, 8.7563, 7.5891** is the 20% darker color. If you saturate the color by 10%, you get **19.0389, 22.5701, 17.6524**, and if you desaturate by 10%, it is **23.3322, 24.5884, 26.6605**.

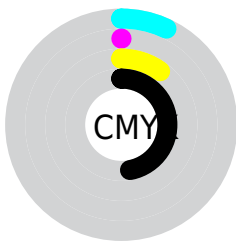
Distribution



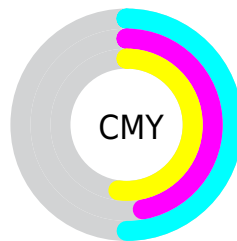
- Red (50%)
- Green (53%)
- Blue (48%)



- Red (48%)
- Yellow (53%)
- Blue (51%)



- Cyan (7%)
- Magenta (0%)
- Yellow (10%)
- Black (47%)



- Cyan (50%)
- Magenta (47%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.0694, 23.5255, 21.8427 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 21.0694, 23.5255, 21.8427 by changing the saturation by 10% instead.

■ 21.0694, 23.5255,
21.8427

■ 21.0694, 23.5255,
21.8427

250.3718,
270.4127, 274.6504

■ 13.2875, 14.9820,
13.5442

■ 44.6934, 49.2548,
47.3847

■ 7.7052, 8.8068,
7.6692

■ 61.2662, 67.2093,
65.4653

■ 3.9571, 4.6154,
3.7993

■ 81.5001, 89.0697,
87.6436

■ 1.6779, 2.0234,
1.5159

105.7602,
115.2203, 114.3382

■ 0.4424, 0.6210,
0.2297

134.4122,
146.0455, 145.9676

■ 0.0000, 0.0000,
0.0000

167.8212,

181.9297, 182.9505

206.3526,
223.2573, 225.7052

■ 21.0694, 23.5255,
21.8427

■ 21.0694, 23.5255,
21.8427

■ 19.0389, 22.5701,
17.6524

■ 23.3322, 24.5884,
26.6605

■ 17.2310, 21.7157,
14.0623

■ 25.8328, 25.7591,
32.1287

■ 15.6383, 20.9597,
11.0453

■ 28.5787, 27.0415,
38.2706

■ 14.2519, 20.2983,
8.5718

■ 31.5767, 28.4388,
45.1083

■ 13.0625, 19.7274,
6.6092

■ 34.8331, 29.9538,
52.6624

■ 12.0599, 19.2424,
5.1218

■ 38.3543, 31.5891,
60.9532

■ 11.2329, 18.8385,
4.0689

■ 42.1462, 33.3476,
69.9997

■ 10.5686, 18.5101,
3.4033

■ 46.2146, 35.2318,
79.8206

■ 10.0502, 18.2514,
2.9932

■ 50.5650, 37.2441,
90.4337

Harmonies

Analogous

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



21.9170, 23.5255, 20.6487



21.0694, 23.5255, 21.8427



20.5759, 23.5255, 24.0897

Triad

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



21.0694, 23.5255, 21.8427



21.8211, 23.5255, 31.2351



24.2725, 23.5255, 24.3584

Complementary

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



21.0694, 23.5255, 21.8427



20.7644, 20.5225, 26.1607

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.



24.2450, 23.5255, 27.2039



21.0694, 23.5255, 21.8427



22.8095, 23.5255, 31.3205

Square

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



21.0694, 23.5255, 21.8427



21.0010, 23.5255, 29.5738



23.7028, 23.5255, 29.7990



23.7770, 23.5255, 22.0267

Rectangle

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



21.0694, 23.5255, 21.8427



20.5047, 23.5255, 25.9503



23.7028, 23.5255, 29.7990



24.3245, 23.5255, 25.2832

Sweetspot

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



21.0700, 23.5265, 21.8432



39.9705, 42.7926, 44.5172



21.7655, 22.8372, 21.6735



9.1863, 9.8772, 10.1590



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.



21.0700, 23.5265, 21.8432



36.3948, 41.1128, 36.9555



20.4605, 23.1988, 22.4244



5.1294, 5.6895, 5.3802



9.5212, 17.2783, 2.8332



0.0782, 0.1225, 0.0195

Inverse Universe

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



20.7644, 20.5225, 26.1607



35.7617, 34.8908, 45.8981



21.4261, 20.8789, 25.5049



5.0635, 5.0412, 6.3120



7.9754, 3.6256, 22.3251



0.0690, 0.0323, 0.1491

Previews

White Background



This preview shows how the XYZ color 21.0694, 23.5255, 21.8427 looks on a white background.

Color Contrast Check

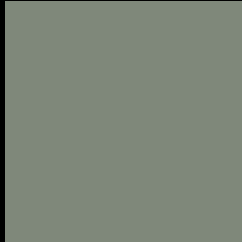
Large Text (above 18pt) WCAG AA ✓ Pass

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 21.0694, 23.5255, 21.8427 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

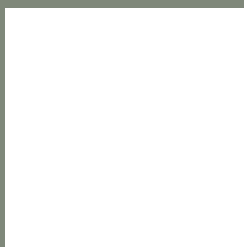
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.0694, 23.5255, 21.8427

Background



This preview shows how black text looks on a background with the XYZ color 21.0694, 23.5255, 21.8427.



This preview shows how white text looks on a background with the XYZ color 21.0694, 23.5255,

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

21.0694, 23.5255, 21.8427

Protanopia

22.2589, 23.5344, 21.1387

Deuteranopia

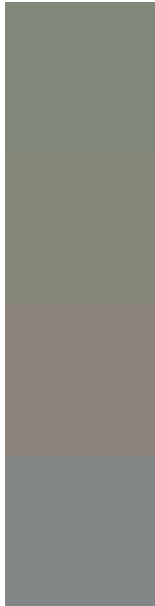
23.7517, 23.2831, 22.3110



Tritanopia

22.5514, 23.5041, 29.3348

Trichromacy



Original Color

21.0694, 23.5255, 21.8427

Protanomaly

21.8078, 23.4990, 21.4755

Deuteranomaly

22.6760, 23.3254, 22.0460

Tritanomaly

21.9515, 23.4666, 26.2942

Monochromacy



Original Color

21.0694, 23.5255, 21.8427

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

21.4897, 23.0794, 23.7442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.0694, 23.5255, 21.8427 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(127, 136, 122)` looks like.

```
.text, #text, p{  
    color:rgb(127, 136, 122)  
}
```

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(127, 136, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 136, 122) }
```

Border

The CSS property to change the border of an element to XYZ 21.0694, 23.5255, 21.8427 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(127, 136, 122) }
```


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

```
.border{ border-color:rgb(127, 136, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 136, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 136, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 136, 122);  
box-shadow:4px 4px 4px 4px rgb(127, 136,  
122) }
```

Background

The CSS property to change the background color of an element to XYZ 21.0694, 23.5255, 21.8427 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 136, 122) }
```

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

```
.background{ background-color: rgb(127,  
136, 122) }
```

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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