

Converting Colors

XYZ(21.0671, 19.9041, 20.8712)

Have a look what the booklet for
XYZ(21.0671, 19.9041, 20.8712)
contains.

XYZ(21.1402, 19.9427, 20.8243)	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(21.1402, 19.9427,
20.8243)**

Conversions

Conversions Part 1

Format	Color
Hex	8F7579
RGB	143, 117, 121
RGB Percent	56%, 46%, 47%
CMY	0.4392, 0.5412, 0.5255
CMYK	0.00, 0.18, 0.15, 0.44
HSL	351°, 10%, 51%
HSV	351°, 18%, 56%
XYZ	21.1402, 19.9427, 20.8243
YIQ	125.2300, 14.2120, 6.7560

Conversions

Conversions Part 2

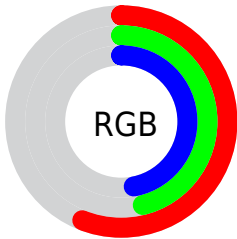
Format	Color
R_{YB}	143, 117, 121
Decimal	9401721
CIE _{Lab}	51.77, 10.82, 1.62
CIE _{LCh}	52, 10.941, 8.508
Yxy	19.9427, 0.3415, 0.3221
Android (android.graphics.Color)	4287591801 (0xFF8F7579)
YUV	125.2300, -2.0854, 15.5843
Hunter-Lab	44.6573, 6.3495, 3.6123

Details

The XYZ color **21.1402, 19.9427, 20.8243** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.8196, 25.2915, 28.1591**, and the grayscale version is **19.5744, 20.5938, 22.4266**.

A 20% lighter version of the original color is **44.7568, 43.2634, 45.5269**, and **7.7444, 7.0126, 7.2487** is the 20% darker color. If you saturate the color by 10%, you get **18.9035, 16.5833, 16.6443**, and if you desaturate by 10%, it is **23.7256, 23.8503, 25.5804**.

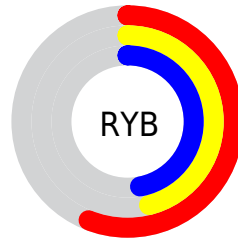
Distribution



Red (56%)

Green (46%)

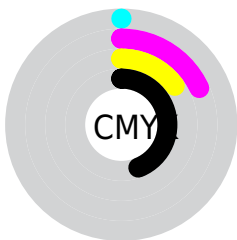
Blue (47%)



Red (56%)

Yellow (46%)

Blue (47%)

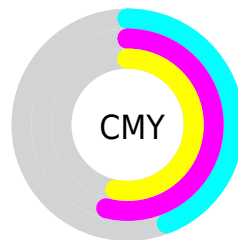


Cyan (0%)

Magenta (18%)

Yellow (15%)

Black (44%)



Cyan (44%)

Magenta (54%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.1402, 19.9427, 20.8243 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 21.1402, 19.9427, 20.8243 by changing the saturation by 10% instead.

■ 21.1402, 19.9427,
20.8243

■ 21.1402, 19.9427,
20.8243

250.7403,
251.6048, 269.0936

■ 13.3396, 12.3534,
12.8056

■ 44.8103, 43.3211,
45.6719

■ 7.7414, 6.9848,
7.1657

■ 61.4104, 59.8790,
63.3380

■ 3.9803, 3.4526,
3.4859

■ 81.6744, 80.1952,
85.0569

■ 1.6910, 1.3723,
1.3478

105.9677,
104.6541, 111.2472

■ 0.4506, 0.1962,
0.1005

134.6556,
133.6401, 142.3275

■ 0.0000, 0.0000,
0.0000

168.1034,

167.5376, 178.7163

206.6765,
206.7310, 220.8322

■ 21.1402, 19.9427,
20.8243

■ 21.1402, 19.9427,
20.8243

■ 18.9035, 16.5833,
16.6443

■ 23.7256, 23.8503,
25.5804

■ 16.9990, 13.7449,
13.0171

■ 26.6722, 28.3261,
30.9321

■ 15.4112, 11.4021,
9.9200

■ 29.9938, 33.3927,
36.8994

■ 14.1226, 9.5265,
7.3278

■ 33.7029, 39.0704,
43.5012

■ 13.1143, 8.0866,
5.2135

■ 37.8115, 45.3789,
50.7555

■ 12.3648, 7.0470,
3.5476

■ 42.3311, 52.3365,
58.6795

■ 11.8497, 6.3668,
2.2969

■ 47.2728, 59.9612,
67.2898

■ 11.5229, 5.9630,
1.4182

■ 52.6471, 68.2700,
76.6026

■ 11.4725, 5.8976,
1.2921

■ 58.4642, 77.2796,
86.6333

Harmonies

Analogous

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



21.0064, 19.9427, 24.0264



21.1402, 19.9427, 20.8243



20.6708, 19.9427, 18.1337

Triad

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



21.1402, 19.9427, 20.8243



17.6596, 19.9427, 17.2825



18.1853, 19.9427, 27.8982

Complementary

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



21.1402, 19.9427, 20.8243



21.8196, 25.2915, 28.1591

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.



17.3367, 19.9427, 25.7375



21.1402, 19.9427, 20.8243



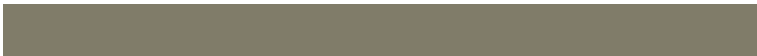
17.0416, 19.9427, 19.5553

Square

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



21.1402, 19.9427, 20.8243



18.6416, 19.9427, 16.2233



16.9257, 19.9427, 22.6291



19.2718, 19.9427, 28.3223

Rectangle

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



21.1402, 19.9427, 20.8243



20.0894, 19.9427, 16.9174



16.9257, 19.9427, 22.6291



17.8640, 19.9427, 27.3415

Sweetspot

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



21.1408, 19.9436, 20.8247



44.0406, 45.0654, 48.6410



21.9117, 20.1670, 28.7246



10.0254, 10.2220, 11.0195



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



21.1408, 19.9436, 20.8247



36.0678, 33.0194, 33.9614



21.9575, 21.9614, 19.9124



5.4406, 5.4368, 5.8182



10.1492, 5.2167, 1.1709



0.1022, 0.0519, 0.0384

Inverse Universe

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



21.1408, 19.9436, 20.8247



36.0678, 33.0194, 33.9614



20.8660, 22.9083, 29.3089



5.4406, 5.4368, 5.8182



10.1492, 5.2167, 1.1709



0.1022, 0.0519, 0.0384

Previews

White Background



This preview shows how the XYZ color 21.1402, 19.9427, 20.8243 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 21.1402, 19.9427, 20.8243 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 21.1402, 19.9427, 20.8243

Background



This preview shows how black text looks on a background with the XYZ color 21.1402, 19.9427, 20.8243.



This preview shows how white text looks on a background with the XYZ color 21.1402, 19.9427,

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

21.1402, 19.9427, 20.8243

Protanopia

19.1785, 19.9811, 21.9147

Deuteranopia

20.4842, 20.1318, 20.8953



Tritanopia

21.4487, 19.9007, 22.1128

Trichromacy



Original Color

21.1402, 19.9427, 20.8243

Protanomaly

19.9282, 20.0103, 21.5509

Deuteranomaly

20.6955, 20.0631, 20.8710

Tritanomaly

21.3851, 19.8753, 21.7780

Monochromacy



Original Color

21.1402, 19.9427, 20.8243

Achromatopsia

19.4927, 20.5079, 22.3331

Achromatomaly

20.1133, 20.2798, 21.9231

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.1402, 19.9427, 20.8243 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(143, 117, 121)` looks like.

```
.text, #text, p{  
    color:rgb(143, 117, 121)  
}
```

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(143, 117, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 117, 121) }
```

Border

The CSS property to change the border of an element to XYZ 21.1402, 19.9427, 20.8243 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(143, 117, 121) }
```


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

```
.border{ border-color:rgb(143, 117, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 117, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 117, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 117, 121);  
box-shadow:4px 4px 4px 4px rgb(143, 117,  
121) }
```

Background

The CSS property to change the background color of an element to XYZ 21.1402, 19.9427, 20.8243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 117, 121) }
```

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

```
.background{ background-color: rgb(143,  
117, 121) }
```

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