

Converting Colors

XYZ(21.5464, 20.2407, 20.0548)

Have a look what the booklet for
XYZ(21.5464, 20.2407, 20.0548)
contains.

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Color

**XYZ(21.4854, 20.1416,
19.8949)**

Conversions

Conversions Part 1

Format	Color
Hex	927576
RGB	146, 117, 118
RGB Percent	57%, 46%, 46%
CMY	0.4274, 0.5412, 0.5373
CMYK	0.00, 0.20, 0.19, 0.43
HSL	358°, 12%, 52%
HSV	358°, 20%, 57%
XYZ	21.4854, 20.1416, 19.8949
YIQ	125.7850, 16.9630, 6.4590

Conversions

Conversions Part 2

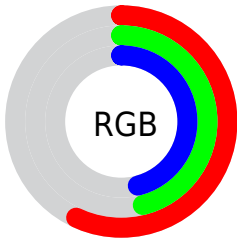
Format	Color
R_{YB}	146, 117, 118
Decimal	9598326
CIE _{Lab}	52.00, 11.49, 3.75
CIE _{LCh}	52, 12.087, 18.055
Yxy	20.1416, 0.3492, 0.3274
Android (android.graphics.Color)	4287788406 (0xFF927576)
YUV	125.7850, -3.8380, 17.7286
Hunter-Lab	44.8794, 6.9155, 5.1325

Details

The XYZ color **21.4854, 20.1416, 19.8949** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.7267, 26.3845, 30.6843**, and the grayscale version is **19.7673, 20.7967, 22.6476**.

A 20% lighter version of the original color is **45.2631, 43.5576, 44.0520**, and **7.9529, 7.1313, 6.7517** is the 20% darker color. If you saturate the color by 10%, you get **19.1391, 16.6908, 15.2838**, and if you desaturate by 10%, it is **24.2234, 24.1750, 25.2548**.

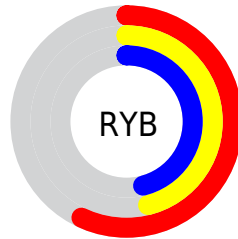
Distribution



Red (57%)

Green (46%)

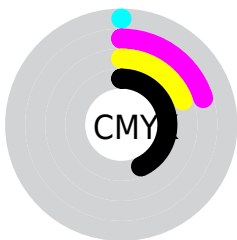
Blue (46%)



Red (57%)

Yellow (46%)

Blue (46%)

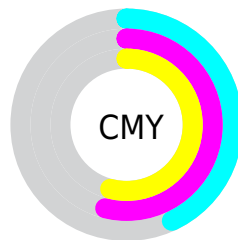


Cyan (0%)

Magenta (20%)

Yellow (19%)

Black (43%)



Cyan (43%)

Magenta (54%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.4854, 20.1416, 19.8949 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 21.4854, 20.1416, 19.8949 by changing the saturation by 10% instead.

■ 21.4854, 20.1416,
19.8949

■ 21.4854, 20.1416,
19.8949

252.5302,
252.6807, 263.9310

■ 13.5938, 12.4980,
12.1354

■ 45.3792, 43.6545,
44.0976

■ 7.9185, 7.0838,
6.7123

■ 62.1121, 60.2925,
61.3777

■ 4.0942, 3.5146,
3.2071

■ 82.5227, 80.6975,
82.6686

■ 1.7556, 1.4059,
1.2013

106.9765,
105.2539, 108.3885

■ 0.4907, 0.2211,
0.0000

135.8388,
134.3460, 138.9562

■ 0.0000, 0.0000,
0.0000

169.4749,

168.3582, 174.7902

208.2503,
207.6750, 216.3089

■ 21.4854, 20.1416,
19.8949

■ 21.4854, 20.1416,
19.8949

■ 19.1391, 16.6908,
15.2838

■ 24.2234, 24.1750,
25.2548

■ 17.1650, 13.7932,
11.3871

■ 27.3681, 28.8132,
31.3935

■ 15.5444, 11.4207,
8.1694

■ 30.9358, 34.0807,
38.3408

■ 14.2566, 9.5419,
5.5918

■ 34.9412, 39.9998,
46.1245

■ 13.2784, 8.1221,
3.6116

■ 39.3986, 46.5917,
54.7712

■ 12.5838, 7.1218,
2.1808

■ 44.3214, 53.8767,
64.3064

■ 12.1425, 6.4953,
1.2441

■ 49.7226, 61.8741,
74.7542

■ 11.8850, 6.1269,
0.7060

■ 55.6146, 70.6026,
86.1381

■ 11.8817, 6.1220,
0.6996

■ 62.0094, 80.0800,
98.4806

Harmonies

Analogous

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



21.5560, 20.1416, 23.3650



21.4854, 20.1416, 19.8949



20.7712, 20.1416, 17.2624

Triad

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



21.4854, 20.1416, 19.8949



17.4358, 20.1416, 17.7019



18.6579, 20.1416, 29.2593

Complementary

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



21.4854, 20.1416, 19.8949



22.7267, 26.3845, 30.6843

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.



17.6040, 20.1416, 27.3730



21.4854, 20.1416, 19.8949



16.9189, 20.1416, 20.5565

Square

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



21.4854, 20.1416, 19.8949



18.4193, 20.1416, 16.0929



16.9792, 20.1416, 24.1010



19.8875, 20.1416, 29.0331

Rectangle

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



21.4854, 20.1416, 19.8949



20.0429, 20.1416, 16.2214



16.9792, 20.1416, 24.1010



18.2724, 20.1416, 28.8436

Sweetspot

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



21.4860, 20.1425, 19.8953



44.7214, 45.5793, 48.4378



23.1481, 20.7778, 29.9848



9.8813, 10.0401, 10.6437



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.



21.4860, 20.1425, 19.8953



35.9048, 32.5927, 31.1744



23.0549, 23.3747, 20.1274



5.8084, 5.8184, 6.0972



10.4576, 5.3881, 0.6248



0.1296, 0.0666, 0.0161

Inverse Universe

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



21.4860, 20.1425, 19.8953



35.9048, 32.5927, 31.1744



20.9059, 22.6194, 30.4585



5.8084, 5.8184, 6.0972



10.4576, 5.3881, 0.6248



0.1296, 0.0666, 0.0161

Previews

White Background



This preview shows how the XYZ color 21.4854, 20.1416, 19.8949 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 21.4854, 20.1416, 19.8949 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 21.4854, 20.1416, 19.8949

Background



This preview shows how black text looks on a background with the XYZ color 21.4854, 20.1416, 19.8949.



This preview shows how white text looks on a background with the XYZ color 21.4854, 20.1416,

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

21.4854, 20.1416, 19.8949

Protanopia

19.4729, 20.3325, 21.3106

Deuteranopia

20.5748, 20.2063, 19.6454



Tritanopia

21.9797, 20.1745, 22.1376

Trichromacy



Original Color

21.4854, 20.1416, 19.8949

Protanomaly

20.1201, 20.1236, 20.9130

Deuteranomaly

20.9630, 20.2288, 19.6293

Tritanomaly

21.7909, 20.0990, 21.1433

Monochromacy



Original Color

21.4854, 20.1416, 19.8949

Achromatopsia

19.8309, 20.8637, 22.7206

Achromatomaly

20.3310, 20.5825, 21.6402

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.4854, 20.1416, 19.8949 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(146, 117, 118)` looks like.

```
.text, #text, p{  
    color:rgb(146, 117, 118)  
}
```

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(146, 117, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 117, 118) }
```

Border

The CSS property to change the border of an element to XYZ 21.4854, 20.1416, 19.8949 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(146, 117, 118) }
```


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

```
.border{ border-color:rgb(146, 117, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 117, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 117, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 117, 118);  
box-shadow:4px 4px 4px 4px rgb(146, 117,  
118) }
```

Background

The CSS property to change the background color of an element to XYZ 21.4854, 20.1416, 19.8949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 117, 118) }
```

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

```
.background{ background-color: rgb(146,  
117, 118) }
```

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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