

Converting Colors

XYZ(21.9484, 21.5059, 25.6151)

Have a look what the booklet for
XYZ(21.9484, 21.5059, 25.6151)
contains.

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Color

**XYZ(21.9920, 21.5398,
25.5528)**

Conversions

Conversions Part 1

Format	Color
Hex	8A7C86
RGB	138, 124, 134
RGB Percent	54%, 49%, 53%
CMY	0.4588, 0.5137, 0.4745
CMYK	0.00, 0.10, 0.03, 0.46
HSL	317°, 6%, 51%
HSV	317°, 10%, 54%
XYZ	21.9920, 21.5398, 25.5528
YIQ	129.3260, 5.1340, 6.0780

Conversions

Conversions Part 2

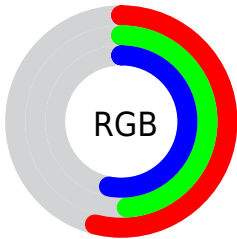
Format	Color
R_{YB}	138, 124, 134
Decimal	9075846
CIE Lab	53.54, 7.24, -3.48
CIE LCh	54, 8.028, 334.345
Yxy	21.5398, 0.3183, 0.3118
Android (android.graphics.Color)	4287265926 (0xFF8A7C86)
YUV	129.3260, 2.3043, 7.6071
Hunter-Lab	46.4110, 3.3636, -0.1560

Details

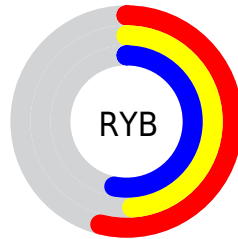
The XYZ color **21.9920, 21.5398, 25.5528** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **21.2978, 24.0212, 23.9373**, and the grayscale version is **20.9720, 22.0642, 24.0279**.

A 20% lighter version of the original color is **46.1776, 46.1085, 53.4797**, and **8.1408, 7.7470, 9.4537** is the 20% darker color. If you saturate the color by 10%, you get **20.1124, 18.2124, 23.5946**, and if you desaturate by 10%, it is **24.1251, 25.3573, 27.6467**.

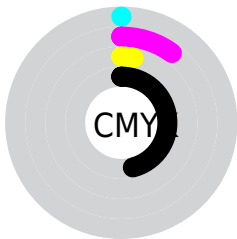
Distribution



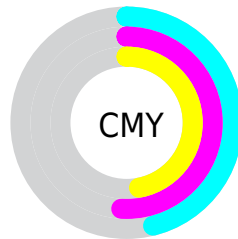
- Red (54%)
- Green (49%)
- Blue (53%)



- Red (54%)
- Yellow (49%)
- Blue (53%)



- Cyan (0%)
- Magenta (10%)
- Yellow (3%)
- Black (46%)



- Cyan (46%)
- Magenta (51%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.9920, 21.5398, 25.5528 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 21.9920, 21.5398, 25.5528 by changing the saturation by 10% instead.

■ 21.9920, 21.5398,
25.5528

■ 21.9920, 21.5398,
25.5528

255.1376,
260.1335, 294.1151

■ 13.9676, 13.5191,
16.2666

■ 46.2117, 45.9842,
53.5278

■ 8.1797, 7.7870,
9.5566

■ 63.1378, 63.1767,
73.0537

■ 4.2629, 3.9590,
5.0043

■ 83.7617, 84.1954,
96.8300

■ 1.8519, 1.6506,
2.1910

108.4489,
109.4244, 125.2751

■ 0.5487, 0.3914,
0.6692

137.5648,
139.2484, 158.8077

■ 0.0000, 0.0000,
0.0000

171.4746,

174.0516, 197.8461

210.5438,
214.2185, 242.8091

■ 21.9920, 21.5398,
25.5528

■ 21.9920, 21.5398,
25.5528

■ 20.1124, 18.2124,
23.5946

■ 24.1251, 25.3573,
27.6467

■ 18.4744, 15.3521,
21.7667

■ 26.5195, 29.6810,
29.8785

■ 17.0678, 12.9386,
20.0655

■ 29.1847, 34.5295,
32.2523

■ 15.8809, 10.9488,
18.4865

■ 32.1293, 39.9201,
34.7714

■ 14.9011, 9.3574,
17.0249

■ 35.3616, 45.8687,
37.4391

■ 14.1144, 8.1365,
15.6755

■ 38.8893, 52.3911,
40.2585

■ 13.5048, 7.2547,
14.4323

■ 42.7201, 59.5021,
43.2327

■ 13.0539, 6.6752,
13.2887

■ 46.8611, 67.2161,
46.3644

■ 12.7128, 6.2959,
12.2408

■ 51.3195, 75.5470,
49.6567

Harmonies

Analogous

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



21.4152, 21.5398, 27.5624



21.9920, 21.5398, 25.5528



22.1576, 21.5398, 23.0980

Triad

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



21.9920, 21.5398, 25.5528



20.3486, 21.5398, 19.0618



19.1444, 21.5398, 26.2130

Complementary

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



21.9920, 21.5398, 25.5528



21.2978, 24.0212, 23.9373

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.



18.8759, 21.5398, 23.8119



21.9920, 21.5398, 25.5528



19.5587, 21.5398, 19.7741

Square

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



21.9920, 21.5398, 25.5528



21.1935, 21.5398, 19.4573



19.0255, 21.5398, 21.4718



19.7689, 21.5398, 27.9618

Rectangle

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



21.9920, 21.5398, 25.5528



22.0087, 21.5398, 21.5640



19.0255, 21.5398, 21.4718



19.0103, 21.5398, 25.4495

Sweetspot

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



21.9926, 21.5407, 25.5533



41.3792, 42.6401, 47.6286



20.6930, 20.8379, 26.9767



9.2171, 9.4492, 10.6206



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.



21.9926, 21.5407, 25.5533



38.0284, 36.6584, 44.2922



21.5226, 21.3527, 23.0781



5.1739, 5.1050, 6.0044



11.6621, 5.7750, 11.2569



0.0838, 0.0409, 0.1081

Inverse Universe

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



21.9926, 21.5407, 25.5533



38.0284, 36.6584, 44.2922



21.7722, 24.2110, 26.4356



5.1739, 5.1050, 6.0044



11.6621, 5.7750, 11.2569



0.0838, 0.0409, 0.1081

Previews

White Background



This preview shows how the XYZ color 21.9920, 21.5398, 25.5528 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 21.9920, 21.5398, 25.5528 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 21.9920, 21.5398, 25.5528

Background



This preview shows how black text looks on a background with the XYZ color 21.9920, 21.5398, 25.5528.



This preview shows how white text looks on a background with the XYZ color 21.9920, 21.5398,

25.5528.

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

21.9920, 21.5398, 25.5528

Protanopia

20.9354, 21.5455, 26.3478

Deuteranopia

21.9920, 21.5398, 25.5528



Tritanopia

21.9920, 21.5398, 25.5528

Trichromacy



Original Color

21.9920, 21.5398, 25.5528

Protanomaly

21.3497, 21.5765, 25.9611

Deuteranomaly

21.9920, 21.5398, 25.5528

Tritanomaly

21.9920, 21.5398, 25.5528

Monochromacy



Original Color

21.9920, 21.5398, 25.5528

Achromatopsia

20.8660, 21.9526, 23.9064

Achromatomaly

21.2018, 21.7230, 24.5482

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.9920, 21.5398, 25.5528 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(138, 124, 134) looks like.

```
.text, #text, p{  
    color:rgb(138, 124, 134)  
}
```

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(138, 124, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 124, 134) }
```

Border

The CSS property to change the border of an element to XYZ 21.9920, 21.5398, 25.5528 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(138, 124, 134) }
```


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

```
.border{ border-color:rgb(138, 124, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 124, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 124, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 124, 134);  
box-shadow:4px 4px 4px 4px rgb(138, 124,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 21.9920, 21.5398, 25.5528 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 124, 134) }
```

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

```
.background{ background-color: rgb(138,  
124, 134) }
```

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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