

Converting Colors

XYZ(21.8929, 21.8605, 29.6163)

Have a look what the booklet for
XYZ(21.8929, 21.8605, 29.6163)
contains.

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Color

**XYZ(21.8550, 21.7606,
29.4339)**

Conversions

Conversions Part 1

Format	Color
Hex	837E90
RGB	131, 126, 144
RGB Percent	51%, 49%, 56%
CMY	0.4863, 0.5059, 0.4353
CMYK	0.09, 0.12, 0.00, 0.44
HSL	257°, 7%, 53%
HSV	257°, 12%, 56%
XYZ	21.8550, 21.7606, 29.4339
YIQ	129.5470, -2.7980, 6.6580

Conversions

Conversions Part 2

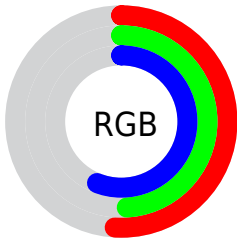
Format	Color
R_{YB}	131, 126, 144
Decimal	8617616
CIE Lab	53.77, 5.58, -9.02
CIE LCh	54, 10.606, 301.726
Yxy	21.7606, 0.2992, 0.2979
Android (android.graphics.Color)	4286807696 (0xFF837E90)
YUV	129.5470, 7.1253, 1.2743
Hunter-Lab	46.6483, 1.9939, -4.7567

Details

The XYZ color **21.8550, 21.7606, 29.4339** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.3873, 26.9424, 23.6547**, and the grayscale version is **21.0352, 22.1307, 24.1003**.

A 20% lighter version of the original color is **46.0803, 46.5078, 59.9743**, and **8.1539, 7.9097, 11.6866** is the 20% darker color. If you saturate the color by 10%, you get **18.6139, 17.5507, 28.7925**, and if you desaturate by 10%, it is **25.5242, 26.5859, 30.1722**.

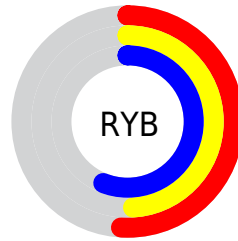
Distribution



Red (51%)

Green (49%)

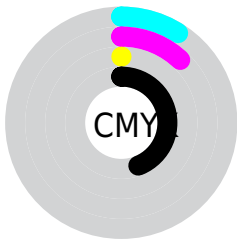
Blue (56%)



Red (51%)

Yellow (49%)

Blue (56%)

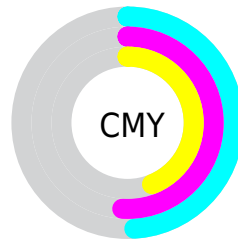


Cyan (9%)

Magenta (12%)

Yellow (0%)

Black (44%)



Cyan (49%)

Magenta (51%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8550, 21.7606, 29.4339 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 21.8550, 21.7606, 29.4339 by changing the saturation by 10% instead.

■ 21.8550, 21.7606,
29.4339

■ 21.8550, 21.7606,
29.4339

254.4347,
261.2935, 313.3815

■ 13.8664, 13.6811,
19.1609

■ 45.9869, 46.3500,
59.8161

■ 8.1089, 7.8992,
11.6086

■ 62.8608, 63.6287,
80.7625

■ 4.2171, 4.0305,
6.3585

■ 83.4273, 84.7426,
106.1037

■ 1.8257, 1.6906,
2.9920

108.0517,
110.0760, 136.2583

■ 0.5331, 0.4176,
1.0905

137.0992,
140.0134, 171.6448

■ 0.0000, 0.0000,
0.0000

170.9353,

174.9392, 212.6818

209.9254,
215.2378, 259.7879

■ 21.8550, 21.7606,
29.4339

■ 21.8550, 21.7606,
29.4339

■ 18.6139, 17.5507,
28.7925

■ 25.5242, 26.5859,
30.1722

■ 15.7829, 13.9284,
28.2425

■ 29.6347, 32.0472,
31.0097

■ 13.3457, 10.8679,
27.7802

■ 34.2016, 38.1680,
31.9504

■ 11.2839, 8.3404,
27.4010

■ 39.2385, 44.9692,
32.9977

■ 9.5777, 6.3144,
27.0999

■ 44.7586, 52.4712,
34.1548

■ 8.2053, 4.7551,
26.8713

■ 50.7745, 60.6934,
35.4248

■ 7.1425, 3.6230,
26.7088

■ 57.2983, 69.6544,
36.8106

■ 6.3608, 2.8719,
26.6050

■ 64.3417, 79.3722,
38.3151

■ 5.9089, 2.4646,
26.5502

■ 71.7233, 89.4782,
39.8767

Harmonies

Analogous

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



20.7488, 21.7606, 30.5261



21.8550, 21.7606, 29.4339



22.6705, 21.7606, 26.7879

Triad

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



21.8550, 21.7606, 29.4339



21.7368, 21.7606, 18.5917



18.5717, 21.7606, 23.8829

Complementary

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



21.8550, 21.7606, 29.4339



24.3873, 26.9424, 23.6547

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.



18.8148, 21.7606, 20.8473



21.8550, 21.7606, 29.4339



20.6169, 21.7606, 17.9652

Square

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



21.8550, 21.7606, 29.4339



22.6005, 21.7606, 20.5484



19.5533, 21.7606, 18.7528



18.8768, 21.7606, 27.1444

Rectangle

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



21.8550, 21.7606, 29.4339



22.9247, 21.7606, 24.6069



19.5533, 21.7606, 18.7528



18.5920, 21.7606, 22.8031

Sweetspot

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



21.8557, 21.7615, 29.4344



43.9424, 45.4694, 52.9985



22.9005, 24.9731, 29.9992



9.9701, 10.2862, 12.1322



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.



21.8557, 21.7615, 29.4344



36.8668, 36.1881, 51.5799



23.2771, 22.4943, 29.5009



5.2615, 5.3230, 6.7789



5.1661, 2.1568, 23.1211



0.0685, 0.0305, 0.2219

Inverse Universe

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



23.6233, 22.7160, 27.5665



40.6275, 38.2196, 47.5635



22.9765, 26.2151, 23.5887



5.5632, 5.4858, 6.4640



12.2023, 6.0379, 11.9823



0.1260, 0.0615, 0.1639

Previews

White Background



This preview shows how the XYZ color 21.8550, 21.7606, 29.4339 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 21.8550, 21.7606, 29.4339 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

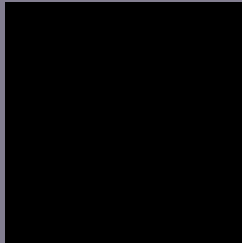
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 21.8550, 21.7606, 29.4339

Background



This preview shows how black text looks on a background with the XYZ color 21.8550, 21.7606, 29.4339.



This preview shows how white text looks on a background with the XYZ color 21.8550, 21.7606,

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

21.8550, 21.7606, 29.4339

Protanopia

21.4342, 21.9183, 29.8890

Deuteranopia

22.1992, 21.7492, 29.4135



Tritanopia

21.3106, 21.7307, 26.7382

Trichromacy



Original Color

21.8550, 21.7606, 29.4339

Protanomaly

21.6023, 21.8123, 29.8597

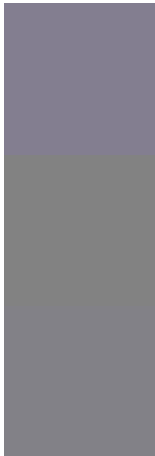
Deuteranomaly

22.0405, 21.6674, 29.4061

Tritanomaly

21.5289, 21.8180, 27.8875

Monochromacy



Original Color

21.8550, 21.7606, 29.4339

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.4294, 22.1956, 26.0764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8550, 21.7606, 29.4339 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(131, 126, 144)` looks like.

```
.text, #text, p{  
    color:rgb(131, 126, 144)  
}
```

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(131, 126, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 126, 144) }
```

Border

The CSS property to change the border of an element to XYZ 21.8550, 21.7606, 29.4339 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(131, 126, 144) }
```


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

```
.border{ border-color:rgb(131, 126, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 126, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 126, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 126, 144);  
box-shadow:4px 4px 4px 4px rgb(131, 126,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8550, 21.7606, 29.4339 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 126, 144) }
```

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

```
.background{ background-color: rgb(131,  
126, 144) }
```

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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