

Converting Colors

XYZ(21.8550, 23.7723, 29.0278)

Have a look what the booklet for
XYZ(21.8550, 23.7723, 29.0278)
contains.

XYZ(21.8550, 23.7723, 29.0278)	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(21.8550, 23.7723,
29.0278)**

Conversions

Conversions Part 1

Format	Color
Hex	7B888E
RGB	123, 136, 142
RGB Percent	48%, 53%, 56%
CMY	0.5176, 0.4667, 0.4431
CMYK	0.13, 0.04, 0.00, 0.44
HSL	199°, 8%, 52%
HSV	199°, 13%, 56%
XYZ	21.8550, 23.7723, 29.0278
YIQ	132.7970, -9.6740, -0.8900

Conversions

Conversions Part 2

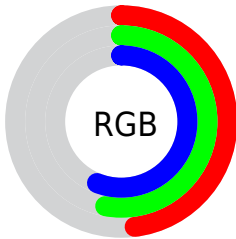
Format	Color
R_{YB}	123, 131, 142
Decimal	8095886
CIE _{Lab}	55.86, -3.42, -4.83
CIE _{LCh}	56, 5.914, 234.687
Yxy	23.7723, 0.2927, 0.3184
Android (android.graphics.Color)	4286285966 (0xFF7B888E)
YUV	132.7970, 4.5371, -8.5920
Hunter-Lab	48.7568, -5.3128, -1.1690

Details

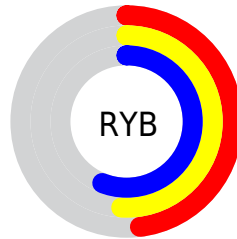
The XYZ color **21.8550, 23.7723, 29.0278** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.5808, 22.8811, 21.9656**, and the grayscale version is **22.2076, 23.3642, 25.4436**.

A 20% lighter version of the original color is **46.0659, 49.6108, 59.3725**, and **8.0836, 8.8841, 11.4140** is the 20% darker color. If you saturate the color by 10%, you get **19.3512, 21.5645, 28.7340**, and if you desaturate by 10%, it is **24.6813, 26.1868, 29.3453**.

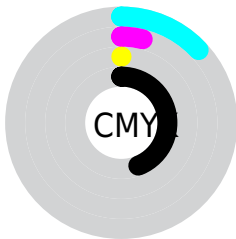
Distribution



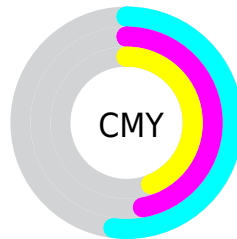
- Red (48%)
- Green (53%)
- Blue (56%)



- Red (48%)
- Yellow (51%)
- Blue (56%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (44%)



- Cyan (52%)
- Magenta (47%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 21.8550, 23.7723, 29.0278 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, 23.7723, 29.0278 by changing the saturation by 10% instead.

■ 21.8550, 23.7723,
29.0278

■ 21.8550, 23.7723,
29.0278

254.4347,
271.6673, 311.4111

■ 13.8664, 15.1648,
18.8561

■ 45.9869, 49.6584,
59.1640

■ 8.1089, 8.9351,
11.3906

■ 62.8608, 67.7057,
79.9655

■ 4.2171, 4.6989,
6.2127

■ 83.4273, 89.6685,
105.1474

■ 1.8257, 2.0717,
2.9040

108.0517,
115.9311, 135.1282

■ 0.5331, 0.6486,
1.0458

137.0992,
146.8778, 170.3264

■ 0.0000, 0.0000,
0.0000

170.9353,

182.8932, 211.1606

209.9254,
224.3615, 258.0494

■ 21.8550, 23.7723,
29.0278

■ 21.8550, 23.7723,
29.0278

■ 19.3512, 21.5645,
28.7340

■ 24.6813, 26.1868,
29.3453

■ 17.1548, 19.5532,
28.4615

■ 27.8402, 28.8119,
29.6855

■ 15.2527, 17.7320,
28.2102

■ 31.3439, 31.6548,
30.0495

■ 13.6299, 16.0924,
27.9793

■ 35.2033, 34.7217,
30.4381

■ 12.2700, 14.6256,
27.7679

■ 39.4289, 38.0183,
30.8517

■ 11.1547, 13.3217,
27.5750

■ 44.0308, 41.5504,
31.2909

■ 10.2634, 12.1695,
27.3995

■ 49.0185, 45.3232,
31.7563

■ 9.5712, 11.1556,
27.2403

■ 54.4013, 49.3421,
32.2483

■ 9.1735, 10.5350,
27.1415

■ 60.1880, 53.6119,
32.7674

Harmonies

Analogous

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



21.4392, 23.7723, 27.4631



21.8550, 23.7723, 29.0278



22.4752, 23.7723, 29.7527

Triad

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



21.8550, 23.7723, 29.0278



23.9081, 23.7723, 26.2287



22.0586, 23.7723, 22.6603

Complementary

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



21.8550, 23.7723, 29.0278



22.5808, 22.8811, 21.9656

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.



22.7149, 23.7723, 22.3661



21.8550, 23.7723, 29.0278



23.7913, 23.7723, 24.3666

Square

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



21.8550, 23.7723, 29.0278



23.6675, 23.7723, 28.0861



23.3512, 23.7723, 22.9758



21.5552, 23.7723, 23.8001

Rectangle

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



21.8550, 23.7723, 29.0278



22.9246, 23.7723, 29.6374



23.3512, 23.7723, 22.9758



22.2683, 23.7723, 22.4617

Sweetspot

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



21.8557, 23.7733, 29.0283



43.1535, 45.8664, 51.7065



21.7842, 25.1343, 24.3681



9.5590, 10.1773, 11.5400



67.5393, 71.0566, 77.3807



10.1266, 10.6539, 11.6021

Same Dimension

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



21.8557, 23.7733, 29.0283



37.1783, 40.7346, 51.0309



20.6148, 21.2914, 28.6147



5.4186, 5.8331, 6.8691



8.2533, 9.4926, 24.3743



0.0987, 0.1304, 0.2396

Inverse Universe

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



22.6827, 21.6947, 26.2858



38.9360, 36.3950, 45.1845



23.8480, 25.4156, 22.3880



5.5548, 5.4824, 6.4195



11.9690, 5.9446, 10.7540



0.1244, 0.0608, 0.1555

Previews

White Background



This preview shows how the XYZ color 21.8550, 23.7723, 29.0278 looks on a white background.

Color Contrast Check

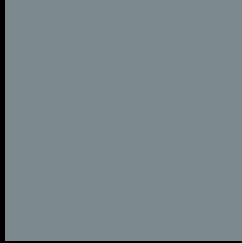
Large Text (above 18pt) WCAG AA ✓ Pass

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, 23.7723, 29.0278 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

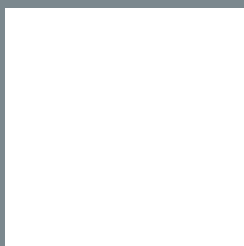
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 21.8550, 23.7723, 29.0278

Background



This preview shows how black text looks on a background with the XYZ color 21.8550, 23.7723, 29.0278.



This preview shows how white text looks on a background with the XYZ color 21.8550, 23.7723,

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, 23.7723, 29.0278

Protanopia

22.9527, 23.7368, 28.1829

Deuteranopia

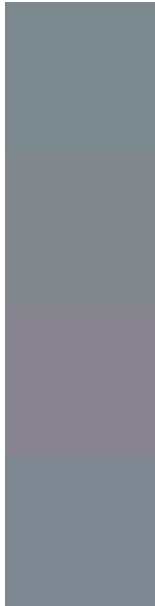
24.0959, 23.6992, 29.2910



Tritanopia

22.1645, 23.6884, 30.5982

Trichromacy



Original Color

21.8550, 23.7723, 29.0278

Protanomaly

22.5387, 23.7191, 28.5896

Deuteranomaly

23.2009, 23.6366, 29.3261

Tritanomaly

22.0870, 23.6574, 30.1903

Monochromacy



Original Color

21.8550, 23.7723, 29.0278

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.0223, 23.4949, 26.6668

CSS Examples

Text

The CSS property to change the color of the text to XYZ 21.8550, 23.7723, 29.0278 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(123, 136, 142)` looks like.

```
.text, #text, p{  
    color:rgb(123, 136, 142)  
}
```

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(123, 136, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 136, 142) }
```

Border

The CSS property to change the border of an element to XYZ 21.8550, 23.7723, 29.0278 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(123, 136, 142) }
```


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

```
.border{ border-color:rgb(123, 136, 142) }
```

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

Here you see how a box with a 4 pixel rgb(123, 136, 142) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 136, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 136, 142);  
box-shadow:4px 4px 4px 4px rgb(123, 136,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 21.8550, 23.7723, 29.0278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 136, 142) }
```

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

```
.background{ background-color: rgb(123,  
136, 142) }
```

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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