

Converting Colors

XYZ(22.1258, 24.1441, 29.2870)

Have a look what the booklet for
XYZ(22.1258, 24.1441, 29.2870)
contains.

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Color

**XYZ(22.2158, 24.1596,
29.4790)**

Conversions

Conversions Part 1

Format	Color
Hex	7C898F
RGB	124, 137, 143
RGB Percent	49%, 54%, 56%
CMY	0.5137, 0.4627, 0.4392
CMYK	0.13, 0.04, 0.00, 0.44
HSL	199°, 8%, 52%
HSV	199°, 13%, 56%
XYZ	22.2158, 24.1596, 29.4790
YIQ	133.7970, -9.6740, -0.8900

Conversions

Conversions Part 2

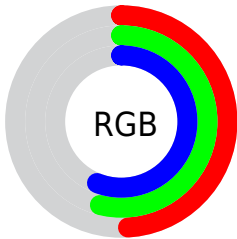
Format	Color
R_{YB}	124, 132, 143
Decimal	8161679
CIE _{Lab}	56.25, -3.41, -4.82
CIE _{LCh}	56, 5.907, 234.682
Yxy	24.1596, 0.2929, 0.3185
Android (android.graphics.Color)	4286351759 (0xFF7C898F)
YUV	133.7970, 4.5371, -8.5920
Hunter-Lab	49.1524, -5.3387, -1.1523

Details

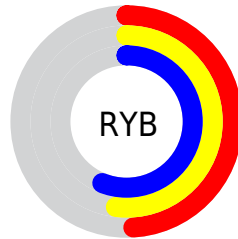
The XYZ color **22.2158, 24.1596, 29.4790** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.9486, 23.2601, 22.3494**, and the grayscale version is **22.5725, 23.7480, 25.8616**.

A 20% lighter version of the original color is **46.6230, 50.2052, 60.0566**, and **8.2856, 9.1026, 11.6762** is the 20% darker color. If you saturate the color by 10%, you get **19.6690, 21.9145, 29.1803**, and if you desaturate by 10%, it is **25.0906, 26.6150, 29.8018**.

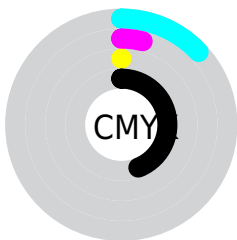
Distribution



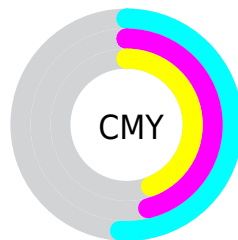
- Red (49%)
- Green (54%)
- Blue (56%)



- Red (49%)
- Yellow (52%)
- Blue (56%)



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



- Cyan (51%)
- Magenta (46%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2158, 24.1596, 29.4790 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 22.2158, 24.1596, 29.4790 by changing the saturation by 10% instead.

■ 22.2158, 24.1596,
29.4790

■ 22.2158, 24.1596,
29.4790

256.2824,
273.6264, 313.5997

■ 14.1330, 15.4521,
19.1948

■ 46.5786, 50.2905,
59.8885

■ 8.2956, 9.1373,
11.6329

■ 63.5894, 68.4827,
80.8509

■ 4.3381, 4.8308,
6.3747

■ 84.3069, 90.6052,
106.2097

■ 1.8951, 2.1483,
3.0018

109.0964,
117.0424, 136.3835

■ 0.5740, 0.6916,
1.0956

138.3234,
148.1787, 171.7909

■ 0.0000, 0.0000,
0.0000

172.3531,

184.3986, 212.8504

211.5510,
226.0863, 259.9805

■ 22.2158, 24.1596,
29.4790

■ 22.2158, 24.1596,
29.4790

■ 19.6690, 21.9145,
29.1803

■ 25.0906, 26.6150,
29.8018

■ 17.4349, 19.8693,
28.9033

■ 28.3036, 29.2844,
30.1477

■ 15.5002, 18.0173,
28.6478

■ 31.8673, 32.1754,
30.5179

■ 13.8495, 16.3502,
28.4130

■ 35.7929, 35.2942,
30.9130

■ 12.4662, 14.8588,
28.1980

■ 40.0909, 38.6468,
31.3336

■ 11.3317, 13.5330,
28.0019

■ 44.7715, 42.2387,
31.7802

■ 10.4250, 12.3615,
27.8236

■ 49.8445, 46.0755,
32.2534

■ 9.7210, 11.3308,
27.6617

■ 55.3194, 50.1625,
32.7537

■ 9.3124, 10.6919,
27.5599

■ 61.2051, 54.5047,
33.2816

Harmonies

Analogous

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



21.7960, 24.1596, 27.8996



22.2158, 24.1596, 29.4790



22.8421, 24.1596, 30.2107

Triad

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



22.2158, 24.1596, 29.4790



24.2888, 24.1596, 26.6541



22.4216, 24.1596, 23.0497

Complementary

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



22.2158, 24.1596, 29.4790



22.9486, 23.2601, 22.3494

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.



23.0843, 24.1596, 22.7526



22.2158, 24.1596, 29.4790



24.1709, 24.1596, 24.7737

Square

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



22.2158, 24.1596, 29.4790



24.0458, 24.1596, 28.5290



23.7267, 24.1596, 23.3687



21.9132, 24.1596, 24.2010

Rectangle

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



22.2158, 24.1596, 29.4790



23.2958, 24.1596, 30.0945



23.7267, 24.1596, 23.3687



22.6334, 24.1596, 22.8491

Sweetspot

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



22.2165, 24.1606, 29.4795



44.4998, 47.2977, 53.3220



22.1443, 25.5341, 24.7756



10.1191, 10.7740, 12.2185



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.



22.2165, 24.1606, 29.4795



38.3324, 42.0007, 52.6246



20.9637, 21.6550, 29.0619



5.4186, 5.8330, 6.8691



8.2530, 9.4921, 24.3743



0.0987, 0.1304, 0.2396

Inverse Universe

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



23.0513, 22.0616, 26.7115



40.1468, 37.5221, 46.5897



24.2278, 25.8185, 22.7758



5.5548, 5.4824, 6.4195



11.9689, 5.9446, 10.7533



0.1244, 0.0608, 0.1555

Previews

White Background



This preview shows how the XYZ color 22.2158, 24.1596, 29.4790 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 22.2158, 24.1596, 29.4790 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

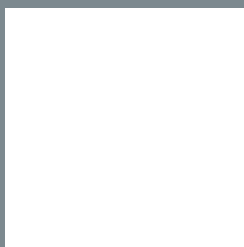
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.2158, 24.1596, 29.4790

Background



This preview shows how black text looks on a background with the XYZ color 22.2158, 24.1596, 29.4790.



This preview shows how white text looks on a background with the XYZ color 22.2158, 24.1596,

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

22.2158, 24.1596, 29.4790

Protanopia

23.3245, 24.1242, 28.6264

Deuteranopia

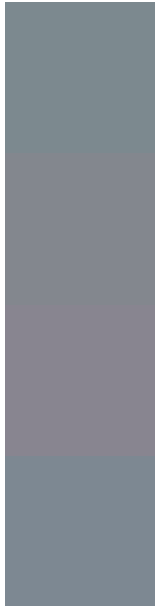
24.4780, 24.0859, 29.7445



Tritanopia

22.5281, 24.0749, 31.0633

Trichromacy



Original Color

22.2158, 24.1596, 29.4790

Protanomaly

22.9065, 24.1062, 29.0369

Deuteranomaly

23.5749, 24.0229, 29.7799

Tritanomaly

22.4499, 24.0436, 30.6518

Monochromacy



Original Color

22.2158, 24.1596, 29.4790

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.3853, 23.8799, 27.0964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2158, 24.1596, 29.4790 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(124, 137, 143)` looks like.

```
.text, #text, p{  
    color:rgb(124, 137, 143)  
}
```

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(124, 137, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 137, 143) }
```

Border

The CSS property to change the border of an element to XYZ 22.2158, 24.1596, 29.4790 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(124, 137, 143) }
```


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

```
.border{ border-color:rgb(124, 137, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 137, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 137, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 137, 143);  
box-shadow:4px 4px 4px 4px rgb(124, 137,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 22.2158, 24.1596, 29.4790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 137, 143) }
```

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

```
.background{ background-color: rgb(124,  
137, 143) }
```

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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