

Converting Colors

XYZ(22.6228, 24.7322, 32.4356)

Have a look what the booklet for
XYZ(22.6228, 24.7322, 32.4356)
contains.

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Color

**XYZ(22.6228, 24.7322,
32.4356)**

Conversions

Conversions Part 1

Format	Color
Hex	798B96
RGB	121, 139, 150
RGB Percent	47%, 55%, 59%
CMY	0.5255, 0.4549, 0.4118
CMYK	0.19, 0.07, 0.00, 0.41
HSL	203°, 12%, 53%
HSV	203°, 19%, 59%
XYZ	22.6228, 24.7322, 32.4356
YIQ	134.8720, -14.2590, -0.3950

Conversions

Conversions Part 2

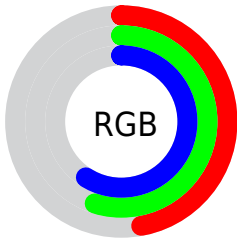
Format	Color
RYB	121, 132, 150
Decimal	7965590
CIELab	56.81, -3.99, -8.03
CIELCh	57, 8.967, 243.604
Yxy	24.7322, 0.2835, 0.3100
Android (android.graphics.Color)	4286155670 (0xFF798B96)
YUV	134.8720, 7.4581, -12.1657
Hunter-Lab	49.7315, -5.8306, -3.8578

Details

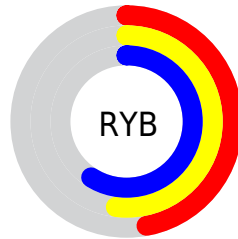
The XYZ color **22.6228, 24.7322, 32.4356** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.2803, 24.3670, 21.5133**, and the grayscale version is **22.9593, 24.1550, 26.3048**.

A 20% lighter version of the original color is **47.2043, 51.0576, 64.4939**, and **8.4970, 9.4233, 13.1754** is the 20% darker color. If you saturate the color by 10%, you get **19.8798, 22.1275, 32.0778**, and if you desaturate by 10%, it is **25.7371, 27.5931, 32.8241**.

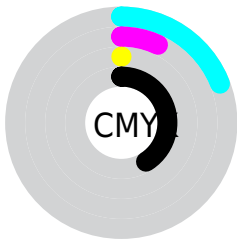
Distribution



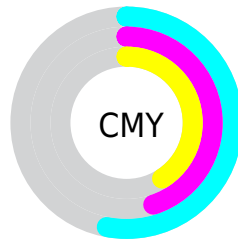
- Red (47%)
- Green (55%)
- Blue (59%)



- Red (47%)
- Yellow (52%)
- Blue (59%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)
- Black (41%)



- Cyan (53%)
- Magenta (45%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.6228, 24.7322, 32.4356 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 22.6228, 24.7322, 32.4356 by changing the saturation by 10% instead.

■ 22.6228, 24.7322,
32.4356

■ 22.6228, 24.7322,
32.4356

258.3533,
276.5016, 327.6525

■ 14.4344, 15.8776,
21.4269

■ 47.2444, 51.2224,
64.5992

■ 8.5071, 9.4376,
13.2421

■ 64.4084, 69.6269,
86.5911

■ 4.4756, 5.0277,
7.4628

■ 85.2949, 91.9835,
113.0811

■ 1.9746, 2.2635,
3.6704

110.2693,
118.6766, 144.4879

■ 0.6196, 0.7543,
1.4463

139.6970,
150.0905, 181.2298

■ 0.0000, 0.0000,
0.1774

173.9434,

■ 0.0000, 0.0000,

186.6097, 223.7256

0.0000

213.3737,
228.6187, 272.3936

■ 22.6228, 24.7322,
32.4356

■ 22.6228, 24.7322,
32.4356

■ 19.8798, 22.1275,
32.0778

■ 25.7371, 27.5931,
32.8241

■ 17.4900, 19.7671,
31.7482

■ 29.2351, 30.7159,
33.2425

■ 15.4375, 17.6421,
31.4462

■ 33.1315, 34.1094,
33.6921

■ 13.7037, 15.7422,
31.1708

■ 37.4394, 37.7815,
34.1739

■ 12.2683, 14.0558,
30.9210

■ 42.1713, 41.7395,
34.6884

■ 11.1086, 12.5702,
30.6954

■ 47.3393, 45.9904,
35.2365

■ 10.1979, 11.2704,
30.4925

■ 52.9547, 50.5410,
35.8189

■ 9.4754, 10.1240,
30.3093

■ 59.0288, 55.3977,
36.4362

■ 9.4294, 10.0507,
30.2975

■ 65.2023, 60.3764,
37.0718

Harmonies

Analogous

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



21.8687, 24.7322, 30.2506



22.6228, 24.7322, 32.4356



23.6341, 24.7322, 33.1083

Triad

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



22.6228, 24.7322, 32.4356



25.5759, 24.7322, 26.5681



22.4097, 24.7322, 22.4034

Complementary

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



22.6228, 24.7322, 32.4356



24.2803, 24.3670, 21.5133

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.



23.3808, 24.7322, 21.5710



22.6228, 24.7322, 32.4356



25.2256, 24.7322, 23.8602

Square

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



22.6228, 24.7322, 32.4356



25.3586, 24.7322, 29.5768



24.4144, 24.7322, 22.0841



21.7482, 24.7322, 24.4444

Rectangle

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



22.6228, 24.7322, 32.4356



24.3232, 24.7322, 32.5703



24.4144, 24.7322, 22.0841



22.7097, 24.7322, 21.9801

Sweetspot

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



22.6235, 24.7332, 32.4362



47.3288, 50.4154, 58.1579



22.9318, 27.5340, 25.8049



10.4127, 11.1045, 12.8794



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



22.6235, 24.7332, 32.4362



37.8523, 41.6999, 56.9751



20.7074, 20.9010, 31.7975



5.7812, 6.1964, 7.3611



7.8520, 8.3988, 25.1383



0.1246, 0.1598, 0.3172

Inverse Universe

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



24.0758, 22.0234, 27.4093



40.9055, 36.1795, 46.3677



26.3287, 28.4639, 22.1961



5.9430, 5.8723, 6.8060



12.0904, 6.0412, 9.2230



0.1624, 0.0797, 0.1886

Previews

White Background



This preview shows how the XYZ color 22.6228, 24.7322, 32.4356 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 22.6228, 24.7322, 32.4356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

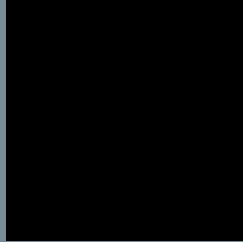
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

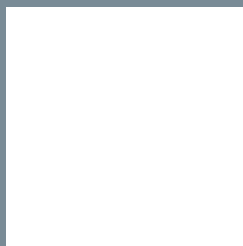
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.6228, 24.7322, 32.4356

Background



This preview shows how black text looks on a background with the XYZ color 22.6228, 24.7322, 32.4356.

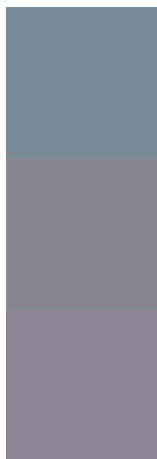


This preview shows how white text looks on a background with the XYZ color 22.6228, 24.7322,

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

22.6228, 24.7322, 32.4356

Protanopia

24.0009, 24.6170, 31.5035

Deuteranopia

24.9925, 24.4877, 32.6875



Tritanopia

22.6228, 24.7322, 32.4356

Trichromacy



Original Color

22.6228, 24.7322, 32.4356

Protanomaly

23.4349, 24.5241, 31.9322

Deuteranomaly

24.0814, 24.6306, 32.7631

Tritanomaly

22.6228, 24.7322, 32.4356

Monochromacy



Original Color

22.6228, 24.7322, 32.4356

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.7437, 24.2476, 28.2925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.6228, 24.7322, 32.4356 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(121, 139, 150)` looks like.

```
.text, #text, p{  
    color:rgb(121, 139, 150)  
}
```

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(121, 139, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 139, 150) }
```

Border

The CSS property to change the border of an element to XYZ 22.6228, 24.7322, 32.4356 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(121, 139, 150) }
```


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

```
.border{ border-color:rgb(121, 139, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 139, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 139, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 139, 150);  
box-shadow:4px 4px 4px 4px rgb(121, 139,  
150) }
```

Background

The CSS property to change the background color of an element to XYZ 22.6228, 24.7322, 32.4356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 139, 150) }
```

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

```
.background{ background-color: rgb(121,  
139, 150) }
```

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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