

Converting Colors

XYZ(22.5929, 24.7425, 28.5226)

Have a look what the booklet for
XYZ(22.5929, 24.7425, 28.5226)
contains.

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Color

**XYZ(22.5704, 24.7943,
28.4071)**

Conversions

Conversions Part 1

Format	Color
Hex	7E8B8C
RGB	126, 139, 140
RGB Percent	49%, 55%, 55%
CMY	0.5059, 0.4549, 0.4510
CMYK	0.10, 0.01, 0.00, 0.45
HSL	184°, 6%, 52%
HSV	184°, 10%, 55%
XYZ	22.5704, 24.7943, 28.4071
YIQ	135.2270, -8.0690, -2.4450

Conversions

Conversions Part 2

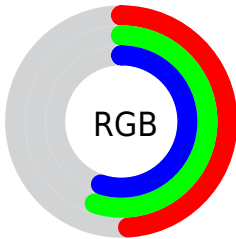
Format	Color
R_{YB}	126, 133, 140
Decimal	8293260
CIE _{Lab}	56.87, -4.49, -2.15
CIE _{LCh}	57, 4.977, 205.605
Yxy	24.7943, 0.2979, 0.3272
Android (android.graphics.Color)	4286483340 (0xFF7E8B8C)
YUV	135.2270, 2.3531, -8.0921
Hunter-Lab	49.7939, -6.2294, 1.0311

Details

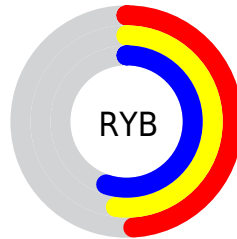
The XYZ color **22.5704, 24.7943, 28.4071** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.1705, 22.2603, 22.8672**, and the grayscale version is **23.1076, 24.3110, 26.4747**.

A 20% lighter version of the original color is **47.0657, 51.1332, 57.8412**, and **8.4784, 9.4607, 11.0521** is the 20% darker color. If you saturate the color by 10%, you get **20.5052, 23.5168, 28.2698**, and if you desaturate by 10%, it is **24.9273, 26.2255, 28.5595**.

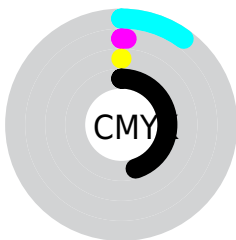
Distribution



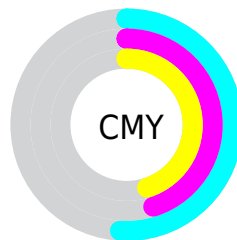
- Red (49%)
- Green (55%)
- Blue (55%)



- Red (49%)
- Yellow (52%)
- Blue (55%)



- Cyan (10%)
- Magenta (1%)
- Yellow (0%)
- Black (45%)



- Cyan (51%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.5704, 24.7943, 28.4071 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 22.5704, 24.7943, 28.4071 by changing the saturation by 10% instead.

■ 22.5704, 24.7943,
28.4071

■ 22.5704, 24.7943,
28.4071

258.0875,
276.8120, 308.3800

■ 14.3956, 15.9239,
18.3911

■ 47.1588, 51.3233,
58.1646

■ 8.4798, 9.4703,
11.0588

■ 64.3031, 69.7507,
78.7432

■ 4.4579, 5.0492,
5.9917

■ 85.1679, 92.1325,
103.6797

■ 1.9643, 2.2762,
2.7713

110.1187,
118.8532, 133.3927

■ 0.6138, 0.7610,
0.9791

139.5206,
150.2970, 168.3007

■ 0.0000, 0.0000,
0.0000

173.7392,

186.8485, 208.8222

213.1397,
228.8921, 255.3758

■ 22.5704, 24.7943,
28.4071

■ 22.5704, 24.7943,
28.4071

■ 20.5052, 23.5168,
28.2698

■ 24.9273, 26.2255,
28.5595

■ 18.7175, 22.3837,
28.1453

■ 27.5850, 27.8130,
28.7258

■ 17.1955, 21.3895,
28.0336

■ 30.5549, 29.5634,
28.9072

■ 15.9252, 20.5270,
27.9340

■ 33.8470, 31.4819,
29.1040

■ 14.8917, 19.7885,
27.8460

■ 37.4711, 33.5735,
29.3167

■ 14.0784, 19.1654,
27.7686

■ 41.4363, 35.8430,
29.5457

■ 13.4664, 18.6481,
27.7010

■ 45.7516, 38.2949,
29.7916

■ 13.0340, 18.2252,
27.6421

■ 50.4256, 40.9337,
30.0546

■ 12.7195, 17.8650,
27.5892

■ 55.4664, 43.7637,
30.3351

Harmonies

Analogous

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



22.4669, 24.7943, 26.7517



22.5704, 24.7943, 28.4071



22.9391, 24.7943, 29.7315

Triad

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



22.5704, 24.7943, 28.4071



24.5027, 24.7943, 28.8499



23.6522, 24.7943, 23.9227

Complementary

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



22.5704, 24.7943, 28.4071



22.1705, 22.2603, 22.8672

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.



24.2047, 24.7943, 24.4351



22.5704, 24.7943, 28.4071



24.7009, 24.7943, 27.2434

Square

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



22.5704, 24.7943, 28.4071



24.0537, 24.7943, 29.9945



24.5909, 24.7943, 25.6339



23.0854, 24.7943, 24.2057

Rectangle

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



22.5704, 24.7943, 28.4071



23.2888, 24.7943, 30.2250



24.5909, 24.7943, 25.6339



23.8458, 24.7943, 24.0070

Sweetspot

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



22.5711, 24.7953, 28.4077



42.6194, 45.4348, 50.2665



21.8090, 24.7227, 23.6788



9.7469, 10.4247, 11.5779



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.



22.5711, 24.7953, 28.4077



38.9289, 43.1840, 50.0265



21.5985, 22.8501, 28.0834



5.1429, 5.6287, 6.4212



11.3076, 15.8856, 24.5159



0.0794, 0.1140, 0.1643

Inverse Universe

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



22.9368, 22.3617, 27.5347



39.7092, 38.0127, 48.1586



23.0974, 24.1140, 23.1761



5.2187, 5.1229, 6.2403



13.1944, 6.3879, 19.3258



0.0898, 0.0433, 0.1396

Previews

White Background



This preview shows how the XYZ color 22.5704, 24.7943, 28.4071 looks on a white background.

Color Contrast Check

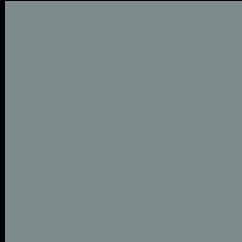
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.5704, 24.7943, 28.4071 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

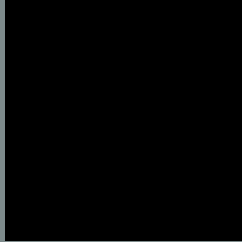
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

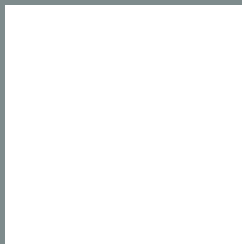
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.5704, 24.7943, 28.4071

Background



This preview shows how black text looks on a background with the XYZ color 22.5704, 24.7943, 28.4071.



This preview shows how white text looks on a background with the XYZ color 22.5704, 24.7943,

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

22.5704, 24.7943, 28.4071

Protanopia

23.8728, 24.8466, 27.5824

Deuteranopia

25.0916, 24.6287, 28.6306



Tritanopia

23.2657, 24.8589, 32.0058

Trichromacy



Original Color

22.5704, 24.7943, 28.4071

Protanomaly

23.4374, 24.8237, 27.9823

Deuteranomaly

24.1192, 24.7400, 28.7034

Tritanomaly

23.0292, 24.7643, 30.7603

Monochromacy



Original Color

22.5704, 24.7943, 28.4071

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.8352, 24.3200, 27.1576

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.5704, 24.7943, 28.4071 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(126, 139, 140)` looks like.

```
.text, #text, p{  
    color:rgb(126, 139, 140)  
}
```

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(126, 139, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 139, 140) }
```

Border

The CSS property to change the border of an element to XYZ 22.5704, 24.7943, 28.4071 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(126, 139, 140) }
```


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

```
.border{ border-color:rgb(126, 139, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 139, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 139, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 139, 140);  
box-shadow:4px 4px 4px 4px rgb(126, 139,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 22.5704, 24.7943, 28.4071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 139, 140) }
```

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

```
.background{ background-color: rgb(126,  
139, 140) }
```

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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