

Converting Colors

XYZ(22.4429, 24.3360, 26.8070)

Have a look what the booklet for
XYZ(22.4429, 24.3360, 26.8070)
contains.

XYZ(22.4429, 24.3360, 26.8070)	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(22.4429, 24.3360,
26.8070)**

Conversions

Conversions Part 1

Format	Color
Hex	818988
RGB	129, 137, 136
RGB Percent	51%, 54%, 53%
CMY	0.4941, 0.4627, 0.4667
CMYK	0.06, 0.00, 0.01, 0.46
HSL	172°, 3%, 52%
HSV	172°, 6%, 54%
XYZ	22.4429, 24.3360, 26.8070
YIQ	134.4940, -4.4470, -2.0070

Conversions

Conversions Part 2

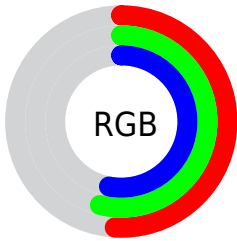
Format	Color
R_{YB}	129, 133, 137
Decimal	8489352
CIE _{Lab}	56.42, -3.13, -0.48
CIE _{LCh}	56, 3.162, 188.801
Yxy	24.3360, 0.3050, 0.3307
Android (android.graphics.Color)	4286679432 (0xFF818988)
YUV	134.4940, 0.7425, -4.8182
Hunter-Lab	49.3315, -5.1233, 2.3136

Details

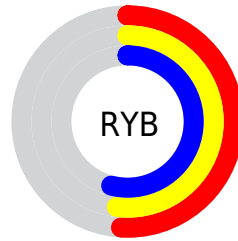
The XYZ color **22.4429, 24.3360, 26.8070** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.1970, 22.6313, 24.3187**, and the grayscale version is **22.8410, 24.0305, 26.1692**.

A 20% lighter version of the original color is **46.8902, 50.4461, 55.4098**, and **8.3962, 9.1937, 10.1361** is the 20% darker color. If you saturate the color by 10%, you get **20.3790, 23.2867, 26.0794**, and if you desaturate by 10%, it is **24.7892, 25.5320, 27.5590**.

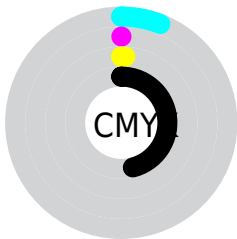
Distribution



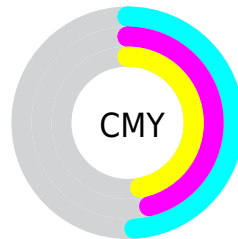
- Red (51%)
- Green (54%)
- Blue (53%)



- Red (51%)
- Yellow (52%)
- Blue (54%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (46%)



- Cyan (49%)
- Magenta (46%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4429, 24.3360, 26.8070 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 22.4429, 24.3360, 26.8070 by changing the saturation by 10% instead.

■ 22.4429, 24.3360,
26.8070

■ 22.4429, 24.3360,
26.8070

257.4397,
274.5148, 300.4520

■ 14.3011, 15.5831,
17.1972

■ 46.9504, 50.5780,
55.5740

■ 8.4135, 9.2296,
10.2117

■ 64.0467, 68.8357,
75.5682

■ 4.4147, 4.8912,
5.4321

■ 84.8587, 91.0306,
99.8610

■ 1.9393, 2.1836,
2.4398

109.7516,
117.5469, 128.8708

■ 0.5995, 0.7110,
0.8080

139.0908,
148.7691, 163.0163

■ 0.0000, 0.0000,
0.0000

173.2416,

185.0816, 202.7160

212.5695,
226.8687, 248.3884

■ 22.4429, 24.3360,
26.8070

■ 22.4429, 24.3360,
26.8070

■ 20.3790, 23.2867,
26.0794

■ 24.7892, 25.5320,
27.5590

■ 18.5844, 22.3753,
25.3741

■ 27.4262, 26.8770,
28.3343

■ 17.0480, 21.5968,
24.6909

■ 30.3646, 28.3772,
29.1341

■ 15.7572, 20.9446,
24.0293

■ 33.6136, 30.0372,
29.9587

■ 14.6983, 20.4118,
23.3885

■ 37.1825, 31.8619,
30.8086

■ 13.8562, 19.9906,
22.7679

■ 41.0797, 33.8556,
31.6844

■ 13.2140, 19.6722,
22.1665

■ 45.3136, 36.0227,
32.5863

■ 12.7524, 19.4467,
21.5834

■ 49.8922, 38.3673,
33.5149

■ 12.4417, 19.2987,
21.0172

■ 54.8232, 40.8933,
34.4706

Harmonies

Analogous

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



22.4814, 24.3360, 25.7764



22.4429, 24.3360, 26.8070



22.5871, 24.3360, 27.7794

Triad

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



22.4429, 24.3360, 26.8070



23.5739, 24.3360, 28.0979



23.3858, 24.3360, 24.6648

Complementary

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



22.4429, 24.3360, 26.8070



22.1970, 22.6313, 24.3187

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.



23.6828, 24.3360, 25.2562



22.4429, 24.3360, 26.8070



23.7922, 24.3360, 27.2324

Square

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



22.4429, 24.3360, 26.8070



23.2384, 24.3360, 28.5375



23.8323, 24.3360, 26.1909



23.0232, 24.3360, 24.5577

Rectangle

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



22.4429, 24.3360, 26.8070



22.7684, 24.3360, 28.2574



23.8323, 24.3360, 26.1909



23.4967, 24.3360, 24.8128

Sweetspot

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



22.4436, 24.3370, 26.8075



41.7248, 44.3625, 48.5110



22.1251, 24.2284, 24.2799



9.3715, 9.9568, 10.8850



65.7814, 69.2071, 75.3665



9.5508, 10.0482, 10.9424

Same Dimension

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



22.4436, 24.3370, 26.8075



39.6764, 43.3194, 47.8314



22.1037, 23.5428, 27.0473



5.2390, 5.7252, 6.3235



11.4849, 17.9266, 19.3761



0.0798, 0.1205, 0.1472

Inverse Universe

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



22.1970, 22.6313, 24.3187



39.1400, 39.6096, 42.4185



22.5221, 23.3887, 24.0968



5.1664, 5.2233, 5.5911



9.7079, 4.9933, 0.9664



0.0673, 0.0343, 0.0214

Previews

White Background



This preview shows how the XYZ color 22.4429, 24.3360, 26.8070 looks on a white background.

Color Contrast Check

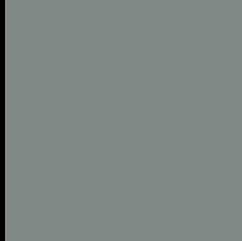
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4429, 24.3360, 26.8070 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

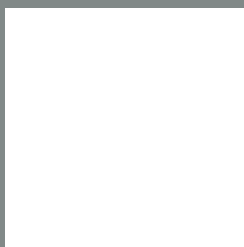
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.4429, 24.3360, 26.8070

Background



This preview shows how black text looks on a background with the XYZ color 22.4429, 24.3360, 26.8070.



This preview shows how white text looks on a background with the XYZ color 22.4429, 24.3360,

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

22.4429, 24.3360, 26.8070

Protanopia

23.5184, 24.4805, 26.4073

Deuteranopia

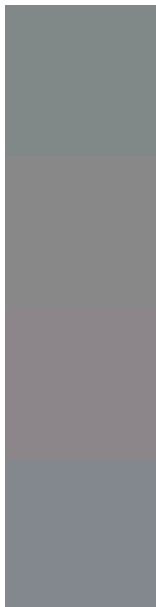
24.6643, 24.2418, 27.0461



Tritanopia

23.2124, 24.2286, 30.6473

Trichromacy



Original Color

22.4429, 24.3360, 26.8070

Protanomaly

23.1690, 24.5085, 26.4311

Deuteranomaly

23.7181, 24.1566, 27.0795

Tritanomaly

22.8926, 24.3071, 29.0764

Monochromacy



Original Color

22.4429, 24.3360, 26.8070

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.5529, 23.9827, 26.3621

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4429, 24.3360, 26.8070 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(129, 137, 136)` looks like.

```
.text, #text, p{  
    color:rgb(129, 137, 136)  
}
```

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(129, 137, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 137, 136) }
```

Border

The CSS property to change the border of an element to XYZ 22.4429, 24.3360, 26.8070 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(129, 137, 136) }
```


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

```
.border{ border-color:rgb(129, 137, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 137, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 137, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 137, 136);  
box-shadow:4px 4px 4px 4px rgb(129, 137,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4429, 24.3360, 26.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 137, 136) }
```

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

```
.background{ background-color: rgb(129,  
137, 136) }
```

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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