

Converting Colors

XYZ(22.3496, 22.8270, 24.1500)

Have a look what the booklet for
XYZ(22.3496, 22.8270, 24.1500)
contains.

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Color

**XYZ(22.4263, 22.9535,
24.0174)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8281
RGB	138, 130, 129
RGB Percent	54%, 51%, 51%
CMY	0.4588, 0.4902, 0.4941
CMYK	0.00, 0.06, 0.07, 0.46
HSL	7°, 4%, 52%
HSV	7°, 7%, 54%
XYZ	22.4263, 22.9535, 24.0174
YIQ	132.2780, 5.0890, 1.3850

Conversions

Conversions Part 2

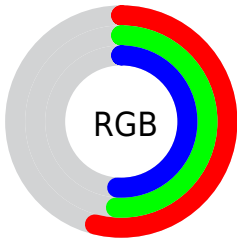
Format	Color
R_{YB}	138, 130, 129
Decimal	9077377
CIE _{Lab}	55.02, 2.83, 1.61
CIE _{LCh}	55, 3.254, 29.730
Yxy	22.9535, 0.3232, 0.3308
Android (android.graphics.Color)	4287267457 (0xFF8A8281)
YUV	132.2780, -1.6161, 5.0182
Hunter-Lab	47.9098, -0.2874, 3.8145

Details

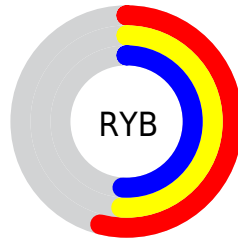
The XYZ color **22.4263, 22.9535, 24.0174** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.5863, 24.3931, 27.5629**, and the grayscale version is **22.0374, 23.1850, 25.2485**.

A 20% lighter version of the original color is **46.8628, 48.3207, 51.1129**, and **8.4149, 8.5388, 8.7940** is the 20% darker color. If you saturate the color by 10%, you get **20.0353, 19.5415, 18.9963**, and if you desaturate by 10%, it is **25.1369, 26.8059, 29.7569**.

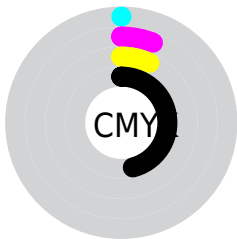
Distribution



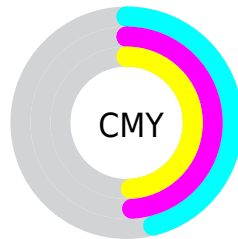
- Red (54%)
- Green (51%)
- Blue (51%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (7%)
- Black (46%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4263, 22.9535, 24.0174 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 22.4263, 22.9535, 24.0174 by changing the saturation by 10% instead.

■ 22.4263, 22.9535,
24.0174

■ 22.4263, 22.9535,
24.0174

257.3552,
267.4861, 286.1978

■ 14.2888, 14.5592,
15.1342

■ 46.9232, 48.3170,
51.0028

■ 8.4049, 8.5106,
8.7660

■ 64.0133, 66.0549,
69.9421

■ 4.4091, 4.4234,
4.4941

■ 84.8184, 87.6761,
93.0704

■ 1.9361, 1.9131,
1.9001

109.7038,
113.5651, 120.8065

■ 0.5977, 0.5562,
0.4928

139.0348,
144.1062, 153.5687

■ 0.0000, 0.0000,
0.0000

173.1768,

179.6838, 191.7756

212.4952,
220.6823, 235.8458

■ 22.4263, 22.9535,
24.0174

■ 22.4263, 22.9535,
24.0174

■ 20.0353, 19.5415,
18.9963

■ 25.1369, 26.8059,
29.7569

■ 17.9503, 16.5514,
14.6638

■ 28.1764, 31.1105,
36.2399

■ 16.1595, 13.9676,
10.9904

■ 31.5559, 35.8824,
43.4924

■ 14.6494, 11.7726,
7.9437

■ 35.2855, 41.1351,
51.5383

■ 13.4059, 9.9475,
5.4886

■ 39.3750, 46.8815,
60.4007

■ 12.4133, 8.4719,
3.5865

■ 43.8337, 53.1342,
70.1018

■ 11.6542, 7.3232,
2.1945

■ 48.6704, 59.9050,
80.6628

■ 11.1093, 6.4765,
1.2629

■ 53.8940, 67.2056,
92.1042

■ 10.7514, 5.9014,
0.7103

■ 59.5127, 75.0472,
104.4460

Harmonies

Analogous

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



22.5197, 22.9535, 25.0018



22.4263, 22.9535, 24.0174



22.1692, 22.9535, 23.3110

Triad

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



22.4263, 22.9535, 24.0174



21.2213, 22.9535, 24.0016



21.8133, 22.9535, 27.0382

Complementary

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



22.4263, 22.9535, 24.0174



22.5863, 24.3931, 27.5629

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.



21.4678, 22.9535, 26.7529



22.4263, 22.9535, 24.0174



21.1283, 22.9535, 24.9831

Square

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



22.4263, 22.9535, 24.0174



21.4734, 22.9535, 23.3020



21.2181, 22.9535, 25.9936



22.1634, 22.9535, 26.7628

Rectangle

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



22.4263, 22.9535, 24.0174



21.9409, 22.9535, 23.0829



21.2181, 22.9535, 25.9936



21.6928, 22.9535, 27.0046

Sweetspot

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



22.4269, 22.9545, 24.0179



41.5998, 43.4043, 46.7067



22.8543, 22.9132, 26.9229



9.3454, 9.7564, 10.5074



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.



22.4269, 22.9545, 24.0179



38.7975, 39.4161, 40.7894



23.0245, 24.1495, 24.2171



5.0748, 5.1325, 5.2756



9.7774, 5.2892, 0.5056



0.0700, 0.0452, 0.0050

Inverse Universe

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



22.5863, 24.3931, 27.5629



39.1458, 42.5590, 48.5347



21.9739, 23.1682, 27.3588



5.1261, 5.5951, 6.4156



10.6647, 14.5998, 24.3016



0.0771, 0.1096, 0.1635

Previews

White Background



This preview shows how the XYZ color 22.4263, 22.9535, 24.0174 looks on a white background.

Color Contrast Check

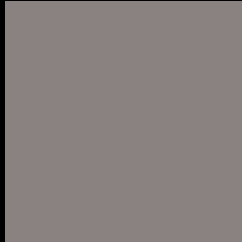
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4263, 22.9535, 24.0174 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

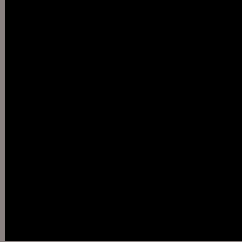
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 22.4263, 22.9535, 24.0174

Background



This preview shows how black text looks on a background with the XYZ color 22.4263, 22.9535, 24.0174.



This preview shows how white text looks on a background with the XYZ color 22.4263, 22.9535,

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

22.4263, 22.9535, 24.0174

Protanopia

21.9771, 22.9126, 24.3834

Deuteranopia

23.2957, 22.8102, 24.2941



Tritanopia

23.1579, 23.0536, 27.6553

Trichromacy



Original Color

22.4263, 22.9535, 24.0174

Protanomaly

22.1372, 22.9952, 24.3909

Deuteranomaly

22.9038, 22.8008, 24.3129

Tritanomaly

22.8709, 22.9388, 26.1439

Monochromacy



Original Color

22.4263, 22.9535, 24.0174

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.0445, 22.9396, 24.7386

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4263, 22.9535, 24.0174 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(138, 130, 129) looks like.

```
.text, #text, p{  
    color:rgb(138, 130, 129)  
}
```

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(138, 130, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 130, 129) }
```

Border

The CSS property to change the border of an element to XYZ 22.4263, 22.9535, 24.0174 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(138, 130, 129) }
```


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

```
.border{ border-color:rgb(138, 130, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 130, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 130, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 130, 129);  
box-shadow:4px 4px 4px 4px rgb(138, 130,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4263, 22.9535, 24.0174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 130, 129) }
```

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

```
.background{ background-color: rgb(138,  
130, 129) }
```

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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