

Converting Colors

XYZ(22.4626, 24.3465, 24.3344)

Have a look what the booklet for
XYZ(22.4626, 24.3465, 24.3344)
contains.

XYZ(22.4238, 24.3818, 24.2932)	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(22.4238, 24.3818,
24.2932)**

Conversions

Conversions Part 1

Format	Color
Hex	848981
RGB	132, 137, 129
RGB Percent	52%, 54%, 51%
CMY	0.4824, 0.4627, 0.4941
CMYK	0.04, 0.00, 0.06, 0.46
HSL	98°, 3%, 52%
HSV	98°, 6%, 54%
XYZ	22.4238, 24.3818, 24.2932
YIQ	134.5930, -0.4120, -3.5480

Conversions

Conversions Part 2

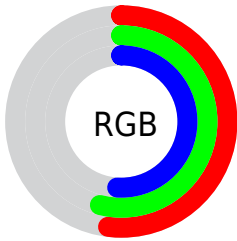
Format	Color
R_{YB}	129, 137, 134
Decimal	8685953
CIE Lab	56.47, -3.41, 3.64
CIE LCh	56, 4.988, 133.103
Yxy	24.3818, 0.3154, 0.3429
Android (android.graphics.Color)	4286876033 (0xFF848981)
YUV	134.5930, -2.7573, -2.2741
Hunter-Lab	49.3779, -5.3499, 5.3948

Details

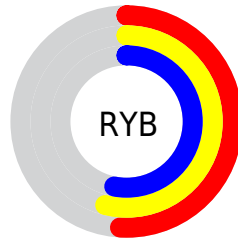
The XYZ color **22.4238, 24.3818, 24.2932** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.1981, 22.5757, 26.8557**, and the grayscale version is **22.8890, 24.0810, 26.2242**.

A 20% lighter version of the original color is **46.8645, 50.5186, 51.5370**, and **8.4234, 9.2346, 8.9279** is the 20% darker color. If you saturate the color by 10%, you get **20.2889, 23.3802, 19.7540**, and if you desaturate by 10%, it is **24.7922, 25.4911, 29.4818**.

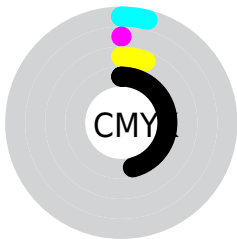
Distribution



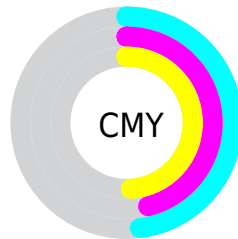
- Red (52%)
- Green (54%)
- Blue (51%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (46%)



- Cyan (48%)
- Magenta (46%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.4238, 24.3818, 24.2932 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 22.4238, 24.3818, 24.2932 by changing the saturation by 10% instead.

■ 22.4238, 24.3818,
24.2932

■ 22.4238, 24.3818,
24.2932

257.3425,
274.7451, 287.6336

■ 14.2870, 15.6171,
15.3371

■ 46.9191, 50.6525,
51.4581

■ 8.4036, 9.2536,
8.9070

■ 64.0083, 68.9273,
70.5038

■ 4.4082, 4.9070,
4.5846

■ 84.8123, 91.1409,
93.7499

■ 1.9356, 2.1928,
1.9512

109.6966,
117.6778, 121.6148

■ 0.5974, 0.7161,
0.5250

139.0263,
148.9222, 154.5171

■ 0.0000, 0.0000,
0.0000

173.1670,

185.2586, 192.8753

212.4840,
227.0715, 237.1080

■ 22.4238, 24.3818,
24.2932

■ 22.4238, 24.3818,
24.2932

■ 20.2889, 23.3802,
19.7540

■ 24.7922, 25.4911,
29.4818

■ 18.3779, 22.4798,
15.8371

■ 27.3992, 26.7080,
35.3422

■ 16.6838, 21.6782,
12.5158

■ 30.2521, 28.0366,
41.8980

■ 15.1981, 20.9717,
9.7608

■ 33.3576, 29.4798,
49.1709

■ 13.9118, 20.3564,
7.5405

■ 36.7217, 31.0402,
57.1818

■ 12.8154, 19.8281,
5.8199

■ 40.3507, 32.7207,
65.9506

■ 11.8980, 19.3821,
4.5601

■ 44.2502, 34.5237,
75.4966

■ 11.1479, 19.0134,
3.7165

■ 48.4259, 36.4518,
85.8383

■ 10.5484, 18.7146,
3.2200

■ 52.8833, 38.5074,
96.9937

Harmonies

Analogous

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



22.9234, 24.3818, 23.5697



22.4238, 24.3818, 24.2932



22.1280, 24.3818, 25.6342

Triad

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



22.4238, 24.3818, 24.2932



22.8530, 24.3818, 29.7076



24.2724, 24.3818, 25.8333

Complementary

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



22.4238, 24.3818, 24.2932



22.1981, 22.5757, 26.8557

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.



24.2528, 24.3818, 27.4825



22.4238, 24.3818, 24.2932



23.4268, 24.3818, 29.7663

Square

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



22.4238, 24.3818, 24.2932



22.3730, 24.3818, 28.7801



23.9411, 24.3818, 28.9374



23.9942, 24.3818, 24.4337

Rectangle

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



22.4238, 24.3818, 24.2932



22.0832, 24.3818, 26.7201



23.9411, 24.3818, 28.9374



24.3005, 24.3818, 26.3759

Sweetspot

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



22.4245, 24.3828, 24.2937



41.7163, 44.3939, 46.8916



22.7958, 23.9361, 24.1879



9.3698, 9.9634, 10.5460



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.



22.4245, 24.3828, 24.2937



39.6303, 43.4165, 42.3703



22.0244, 24.1694, 24.6005



5.2327, 5.7383, 5.5847



9.6338, 17.3364, 2.8385



0.0793, 0.1230, 0.0196

Inverse Universe

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



22.1981, 22.5757, 26.8557



39.1380, 39.4863, 47.9420



22.6164, 22.7990, 26.5272



5.1661, 5.2065, 6.3385



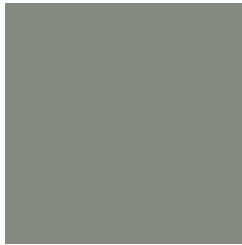
7.7641, 3.5167, 22.3153



0.0679, 0.0318, 0.1490

Previews

White Background



This preview shows how the XYZ color 22.4238, 24.3818, 24.2932 looks on a white background.

Color Contrast Check

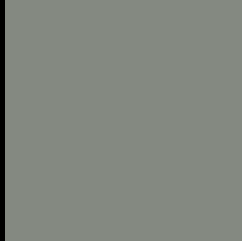
Large Text (above 18pt) WCAG AA ✓ Pass

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 22.4238, 24.3818, 24.2932 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

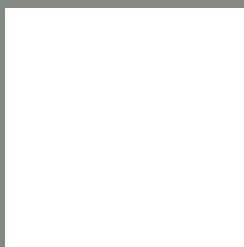
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.4238, 24.3818, 24.2932

Background



This preview shows how black text looks on a background with the XYZ color 22.4238, 24.3818, 24.2932.



This preview shows how white text looks on a background with the XYZ color 22.4238, 24.3818,

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

22.4238, 24.3818, 24.2932

Protanopia

23.2077, 24.3754, 23.9038

Deuteranopia

24.7232, 24.3283, 24.5119



Tritanopia

23.7665, 24.5232, 30.2689

Trichromacy



Original Color

22.4238, 24.3818, 24.2932

Protanomaly

22.8538, 24.4011, 23.9274

Deuteranomaly

23.7445, 24.2264, 24.5438

Tritanomaly

23.2959, 24.5407, 27.9351

Monochromacy



Original Color

22.4238, 24.3818, 24.2932

Achromatopsia

23.0288, 24.2281, 26.3844

Achromatomaly

22.8693, 24.3701, 25.6889

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.4238, 24.3818, 24.2932 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(132, 137, 129)` looks like.

```
.text, #text, p{  
    color:rgb(132, 137, 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(132, 137, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 137, 129) }
```

Border

The CSS property to change the border of an element to XYZ 22.4238, 24.3818, 24.2932 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(132, 137, 129) }
```


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

```
.border{ border-color:rgb(132, 137, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 137, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 137, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 137, 129);  
box-shadow:4px 4px 4px 4px rgb(132, 137,  
129) }
```

Background

The CSS property to change the background color of an element to XYZ 22.4238, 24.3818, 24.2932 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 137, 129) }
```

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

```
.background{ background-color: rgb(132,  
137, 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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