

Converting Colors

XYZ(22.2418, 23.3399, 26.0316)

Have a look what the booklet for
XYZ(22.2418, 23.3399, 26.0316)
contains.

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Color

**XYZ(22.2063, 23.4018,
25.9009)**

Conversions

Conversions Part 1

Format	Color
Hex	848586
RGB	132, 133, 134
RGB Percent	52%, 52%, 53%
CMY	0.4823, 0.4784, 0.4745
CMYK	0.01, 0.01, 0.00, 0.47
HSL	210°, 1%, 52%
HSV	210°, 1%, 53%
XYZ	22.2063, 23.4018, 25.9009
YIQ	132.8150, -0.9170, 0.0990

Conversions

Conversions Part 2

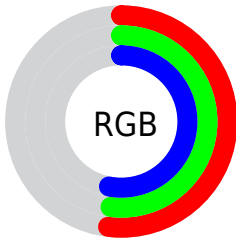
Format	Color
R_{YB}	132, 133, 134
Decimal	8684934
CIE Lab	55.48, -0.17, -0.67
CIE LCh	55, 0.695, 255.987
Yxy	23.4018, 0.3105, 0.3273
Android (android.graphics.Color)	4286875014 (0xFF848586)
YUV	132.8150, 0.5842, -0.7148
Hunter-Lab	48.3754, -2.7181, 2.1181

Details

The XYZ color **22.2063, 23.4018, 25.9009** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.3839, 23.5091, 25.1880**, and the grayscale version is **22.2258, 23.3832, 25.4644**.

A 20% lighter version of the original color is **46.5361, 49.0200, 54.0228**, and **8.3378, 8.8197, 9.6504** is the 20% darker color. If you saturate the color by 10%, you get **19.3579, 20.6183, 25.5141**, and if you desaturate by 10%, it is **25.3835, 26.4425, 26.3207**.

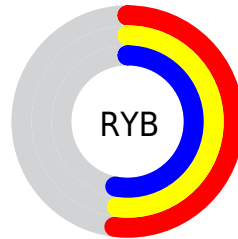
Distribution



Red (52%)

Green (52%)

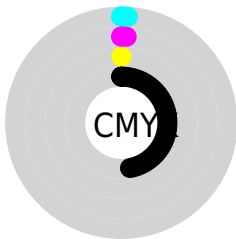
Blue (53%)



Red (52%)

Yellow (52%)

Blue (53%)

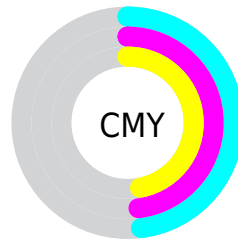


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (47%)



Cyan (48%)

Magenta (48%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.2063, 23.4018, 25.9009 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 22.2063, 23.4018, 25.9009 by changing the saturation by 10% instead.

■ 22.2063, 23.4018,
25.9009

■ 22.2063, 23.4018,
25.9009

256.2339,
269.7821, 295.8852

■ 14.1260, 14.8905,
16.5244

■ 46.5630, 49.0522,
54.0972

■ 8.2907, 8.7426,
9.7376

■ 63.5702, 66.9602,
73.7540

■ 4.3349, 4.5736,
5.1220

■ 84.2837, 88.7690,
97.6747

■ 1.8933, 1.9993,
2.2590

109.0690,
114.8633, 126.2778

■ 0.5729, 0.6071,
0.7081

138.2912,
145.6274, 159.9819

■ 0.0000, 0.0000,
0.0000

172.3159,

181.4456, 199.2055

211.5083,
222.7023, 244.3671

■ 22.2063, 23.4018,
25.9009

■ 22.2063, 23.4018,
25.9009

■ 19.3579, 20.6183,
25.5141

■ 25.3835, 26.4425,
26.3207

■ 16.8250, 18.0818,
25.1580

■ 28.8982, 29.7446,
26.7728

■ 14.5964, 15.7853,
24.8322

■ 32.7611, 33.3158,
27.2585

■ 12.6593, 13.7207,
24.5358

■ 36.9821, 37.1626,
27.7786

■ 11.0002, 11.8792,
24.2678

■ 41.5705, 41.2911,
28.3336

■ 9.6040, 10.2512,
24.0271

■ 46.5352, 45.7076,
28.9244

■ 8.4546, 8.8265,
23.8127

■ 51.8849, 50.4178,
29.5516

■ 7.5333, 7.5937,
23.6233

■ 57.6280, 55.4274,
30.2159

■ 6.8187, 6.5395,
23.4575

■ 63.7726, 60.7418,
30.9178

Harmonies

Analogous

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



22.1383, 23.4018, 25.7917



22.2063, 23.4018, 25.9009



22.2842, 23.4018, 25.8970

Triad

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



22.2063, 23.4018, 25.9009



22.3876, 23.4018, 25.3621



22.1347, 23.4018, 25.1824

Complementary

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



22.2063, 23.4018, 25.9009



22.3839, 23.5091, 25.1880

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.



22.2013, 23.4018, 25.0686



22.2063, 23.4018, 25.9009



22.3474, 23.4018, 25.1720

Square

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



22.2063, 23.4018, 25.9009



22.3890, 23.4018, 25.5851



22.2792, 23.4018, 25.0648



22.0971, 23.4018, 25.3764

Rectangle

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



22.2063, 23.4018, 25.9009



22.3312, 23.4018, 25.8308



22.2792, 23.4018, 25.0648



22.1544, 23.4018, 25.1335

Sweetspot

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



22.2070, 23.4028, 25.9014



39.9242, 42.0033, 45.7416



22.2725, 23.6486, 25.5693



8.9945, 9.4630, 10.3052



64.0503, 67.3860, 73.3833

Same Dimension

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



22.2070, 23.4028, 25.9014



38.8343, 40.9507, 45.5959



22.0749, 23.1386, 25.8574



5.0977, 5.3741, 5.9694



5.9330, 5.4138, 21.8690



0.0278, 0.0333, 0.0782

Inverse Universe

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



22.3169, 23.2647, 25.5058



39.0989, 40.6198, 44.6434



22.5172, 23.7757, 25.2325



5.1286, 5.3354, 5.8581



10.1728, 5.1335, 5.4824



0.0389, 0.0193, 0.0384

Previews

White Background



This preview shows how the XYZ color 22.2063, 23.4018, 25.9009 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 22.2063, 23.4018, 25.9009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

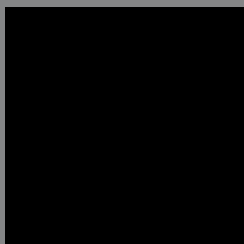
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

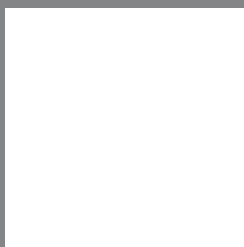
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.2063, 23.4018, 25.9009

Background



This preview shows how black text looks on a background with the XYZ color 22.2063, 23.4018, 25.9009.



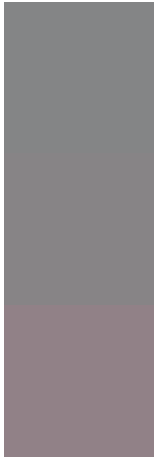
This preview shows how white text looks on a background with the XYZ color 22.2063, 23.4018,

25.9009.

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

22.2063, 23.4018, 25.9009

Protanopia

22.5460, 23.3747, 25.8777

Deuteranopia

23.9005, 23.4695, 26.1921



Tritanopia

22.8066, 23.4421, 28.9139

Trichromacy



Original Color

22.2063, 23.4018, 25.9009

Protanomaly

22.3859, 23.2921, 25.8702

Deuteranomaly

23.1710, 23.2900, 26.1958

Tritanomaly

22.5843, 23.3532, 27.7434

Monochromacy



Original Color

22.2063, 23.4018, 25.9009

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.2940, 23.4551, 25.5426

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.2063, 23.4018, 25.9009 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, 133, 134)` looks like.

```
.text, #text, p{  
    color:rgb(132, 133, 134)  
}
```

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, 133, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 133, 134) }
```

Border

The CSS property to change the border of an element to XYZ 22.2063, 23.4018, 25.9009 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, 133, 134) }
```

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

```
.border{ border-color:rgb(132, 133, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 133, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 133, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 133, 134);  
box-shadow:4px 4px 4px 4px rgb(132, 133,  
134) }
```


Background

The CSS property to change the background color of an element to XYZ 22.2063, 23.4018, 25.9009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 133, 134) }
```

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

```
.background{ background-color: rgb(132,  
133, 134) }
```

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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