

Converting Colors

XYZ(23.0447, 23.1818, 24.4441)

Have a look what the booklet for
XYZ(23.0447, 23.1818, 24.4441)
contains.

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Color

**XYZ(23.1672, 23.3278,
24.4008)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8282
RGB	142, 130, 130
RGB Percent	56%, 51%, 51%
CMY	0.4431, 0.4902, 0.4902
CMYK	0.00, 0.08, 0.08, 0.44
HSL	0°, 5%, 53%
HSV	0°, 8%, 56%
XYZ	23.1672, 23.3278, 24.4008
YIQ	133.5880, 7.1520, 2.5440

Conversions

Conversions Part 2

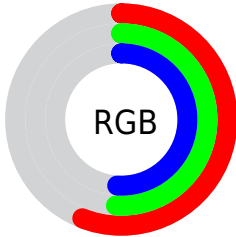
Format	Color
R _Y B	142, 130, 130
Decimal	9339522
CIE Lab	55.41, 4.54, 1.64
CIE LCh	55, 4.822, 19.833
Yxy	23.3278, 0.3268, 0.3290
Android (android.graphics.Color)	4287529602 (0xFF8E8282)
YUV	133.5880, -1.7689, 7.3773
Hunter-Lab	48.2989, 1.0969, 3.8556

Details

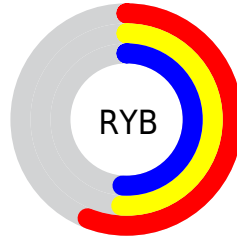
The XYZ color **23.1672, 23.3278, 24.4008** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7612, 26.0442, 29.3660**, and the grayscale version is **22.5139, 23.6864, 25.7945**.

A 20% lighter version of the original color is **48.2457, 49.0216, 51.7190**, and **8.8413, 8.7543, 9.0083** is the 20% darker color. If you saturate the color by 10%, you get **20.5194, 19.4535, 19.1358**, and if you desaturate by 10%, it is **26.2085, 27.7779, 30.4465**.

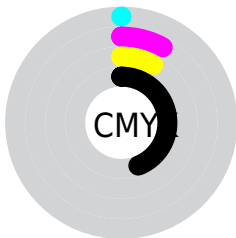
Distribution



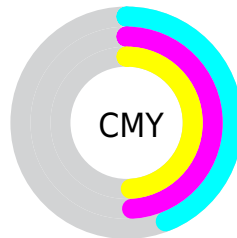
- Red (56%)
- Green (51%)
- Blue (51%)



- Red (56%)
- Yellow (51%)
- Blue (51%)



- Cyan (0%)
- Magenta (8%)
- Yellow (8%)
- Black (44%)



- Cyan (44%)
- Magenta (49%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.1672, 23.3278, 24.4008 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 23.1672, 23.3278, 24.4008 by changing the saturation by 10% instead.

■ 23.1672, 23.3278,
24.4008

■ 23.1672, 23.3278,
24.4008

261.1019,
269.4042, 288.1921

■ 14.8384, 14.8357,
15.4163

■ 48.1324, 48.9310,
51.6355

■ 8.7916, 8.7042,
8.9622

■ 65.4994, 66.8110,
70.7227

■ 4.6615, 4.5487,
4.6200

■ 86.6099, 88.5890,
94.0145

■ 2.0828, 1.9850,
1.9713

111.8293,
114.6495, 121.9295

■ 0.6798, 0.5987,
0.5375

141.5228,
145.3769, 154.8862

■ 0.0000, 0.0000,
0.0000

176.0558,

181.1555, 193.3032

215.7938,
222.3698, 237.5990

■ 23.1672, 23.3278,
24.4008

■ 23.1672, 23.3278,
24.4008

■ 20.5194, 19.4535,
19.1358

■ 26.2085, 27.7779,
30.4465

■ 18.2471, 16.1285,
14.6183

■ 29.6563, 32.8228,
37.3014

■ 16.3339, 13.3291,
10.8148

■ 33.5255, 38.4842,
44.9943

■ 14.7615, 11.0282,
7.6889

■ 37.8297, 44.7821,
53.5522

■ 13.5098, 9.1966,
5.2009

■ 42.5819, 51.7354,
63.0007

■ 12.5569, 7.8021,
3.3067

■ 47.7944, 59.3622,
73.3647

■ 11.8778, 6.8082,
1.9570

■ 53.4792, 67.6801,
84.6677

■ 11.4436, 6.1729,
1.0944

■ 59.6478, 76.7058,
96.9328

■ 11.1917, 5.8041,
0.5936

■ 64.9654, 84.4908,
107.4921

Harmonies

Analogous

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



23.2140, 23.3278, 25.9305



23.1672, 23.3278, 24.4008



22.8514, 23.3278, 23.1869

Triad

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



23.1672, 23.3278, 24.4008



21.3855, 23.3278, 23.5231



21.9889, 23.3278, 28.4524

Complementary

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



23.1672, 23.3278, 24.4008



23.7612, 26.0442, 29.3660

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.



21.5070, 23.3278, 27.7497



23.1672, 23.3278, 24.4008



21.1624, 23.3278, 24.8768

Square

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



23.1672, 23.3278, 24.4008



21.8207, 23.3278, 22.6947



21.2064, 23.3278, 26.4261



22.5278, 23.3278, 28.3122

Rectangle

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



23.1672, 23.3278, 24.4008



22.5336, 23.3278, 22.7002



21.2064, 23.3278, 26.4261



21.8150, 23.3278, 28.3059

Sweetspot

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



23.1679, 23.3288, 24.4013



43.6556, 45.2370, 48.5986



24.0207, 23.6694, 28.8939



9.6607, 9.9723, 10.6760



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.



23.1679, 23.3288, 24.4013



39.9841, 39.8648, 41.2992



23.9890, 24.9710, 24.6750



5.4090, 5.4243, 5.6513



10.0162, 5.1640, 0.4688



0.0958, 0.0494, 0.0045

Inverse Universe

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



23.7612, 26.0442, 29.3660



41.2335, 45.5823, 51.7529



22.8928, 24.3074, 29.0765



5.5602, 6.1161, 6.9162



13.0643, 19.1146, 25.9780



0.1249, 0.1828, 0.2484

Previews

White Background



This preview shows how the XYZ color 23.1672, 23.3278, 24.4008 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 23.1672, 23.3278, 24.4008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

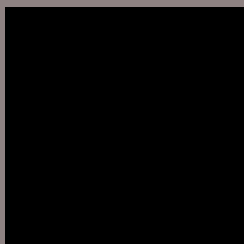
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.1672, 23.3278, 24.4008

Background



This preview shows how black text looks on a background with the XYZ color 23.1672, 23.3278, 24.4008.



This preview shows how white text looks on a background with the XYZ color 23.1672, 23.3278,

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

23.1672, 23.3278, 24.4008

Protanopia

22.3397, 23.2921, 24.7911

Deuteranopia

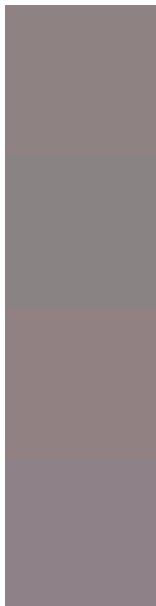
23.6025, 23.1610, 24.3456



Tritanopia

23.8381, 23.4042, 27.6872

Trichromacy



Original Color

23.1672, 23.3278, 24.4008

Protanomaly

22.6943, 23.2746, 24.7691

Deuteranomaly

23.5566, 23.3320, 24.3810

Tritanomaly

23.6219, 23.3177, 26.5483

Monochromacy



Original Color

23.1672, 23.3278, 24.4008

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

22.9377, 23.7869, 25.5727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.1672, 23.3278, 24.4008 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(142, 130, 130)` looks like.

```
.text, #text, p{  
    color:rgb(142, 130, 130)  
}
```

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(142, 130, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 130, 130) }
```

Border

The CSS property to change the border of an element to XYZ 23.1672, 23.3278, 24.4008 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(142, 130, 130) }
```


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

```
.border{ border-color:rgb(142, 130, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 130, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 130, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 130, 130);  
box-shadow:4px 4px 4px 4px rgb(142, 130,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 23.1672, 23.3278, 24.4008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 130, 130) }
```

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

```
.background{ background-color: rgb(142,  
130, 130) }
```

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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