

Converting Colors

XYZ(22.3569, 23.1197, 26.5277)

Have a look what the booklet for
XYZ(22.3569, 23.1197, 26.5277)
contains.

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Color

**XYZ(22.3917, 23.0785,
26.5670)**

Conversions

Conversions Part 1

Format	Color
Hex	868388
RGB	134, 131, 136
RGB Percent	53%, 51%, 53%
CMY	0.4745, 0.4863, 0.4667
CMYK	0.01, 0.04, 0.00, 0.47
HSL	276°, 2%, 52%
HSV	276°, 4%, 53%
XYZ	22.3917, 23.0785, 26.5670
YIQ	132.4670, 0.1830, 2.1910

Conversions

Conversions Part 2

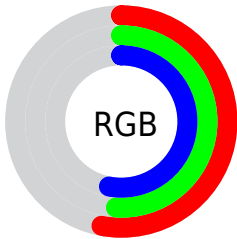
Format	Color
R_{YB}	134, 131, 136
Decimal	8815496
CIE Lab	55.15, 2.11, -2.30
CIE LCh	55, 3.121, 312.590
Yxy	23.0785, 0.3108, 0.3204
Android (android.graphics.Color)	4287005576 (0xFF868388)
YUV	132.4670, 1.7418, 1.3444
Hunter-Lab	48.0401, -0.8705, 0.8397

Details

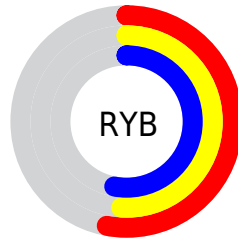
The XYZ color **22.3917, 23.0785, 26.5670** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.5747, 24.2342, 24.9618**, and the grayscale version is **22.0952, 23.2459, 25.3148**.

A 20% lighter version of the original color is **46.8193, 48.5199, 55.0417**, and **8.3532, 8.5913, 10.0221** is the 20% darker color. If you saturate the color by 10%, you get **19.8384, 19.2269, 25.9585**, and if you desaturate by 10%, it is **25.2307, 27.4347, 27.2586**.

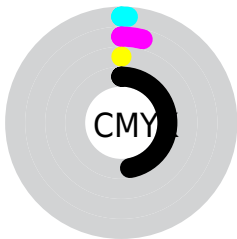
Distribution



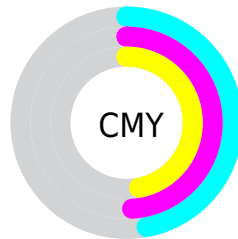
- Red (53%)
- Green (51%)
- Blue (53%)



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



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (47%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 22.3917, 23.0785, 26.5670 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 22.3917, 23.0785, 26.5670 by changing the saturation by 10% instead.

■ 22.3917, 23.0785,
26.5670

■ 22.3917, 23.0785,
26.5670

257.1791,
268.1279, 299.2480

■ 14.2632, 14.6515,
17.0187

■ 46.8666, 48.5222,
55.1835

■ 8.3869, 8.5752,
10.0858

■ 63.9437, 66.3077,
75.0889

■ 4.3974, 4.4651,
5.3495

■ 84.7344, 87.9814,
99.2836

■ 1.9293, 1.9370,
2.3915

109.6040,
113.9278, 128.1864

■ 0.5938, 0.5705,
0.7818

138.9180,
144.5312, 162.2157

■ 0.0000, 0.0000,
0.0000

173.0416,

180.1762, 201.7900

212.3402,
221.2469, 247.3279

■ 22.3917, 23.0785,
26.5670

■ 22.3917, 23.0785,
26.5670

■ 19.8384, 19.2269,
25.9585

■ 25.2307, 27.4347,
27.2586

■ 17.5591, 15.8579,
25.4283

■ 28.3630, 32.3104,
28.0346

■ 15.5436, 12.9527,
24.9738

■ 31.7981, 37.7236,
28.8984

■ 13.7809, 10.4895,
24.5913

■ 35.5446, 43.6903,
29.8526

■ 12.2588, 8.4452,
24.2769

■ 39.6106, 50.2262,
30.8998

■ 10.9639, 6.7943,
24.0265

■ 44.0042, 57.3460,
32.0425

■ 9.8816, 5.5085,
23.8353

■ 48.7328, 65.0642,
33.2831

■ 8.9951, 4.5555,
23.6981

■ 53.8038, 73.3946,
34.6237

■ 8.2842, 3.8959,
23.6083

■ 59.2244, 82.3504,
36.0667

Harmonies

Analogous

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



22.0817, 23.0785, 27.0470



22.3917, 23.0785, 26.5670



22.5806, 23.0785, 25.7067

Triad

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



22.3917, 23.0785, 26.5670



22.1364, 23.0785, 23.3428



21.2884, 23.0785, 25.5489

Complementary

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



22.3917, 23.0785, 26.5670



22.5747, 24.2342, 24.9618

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.



21.3027, 23.0785, 24.5591



22.3917, 23.0785, 26.5670



21.7898, 23.0785, 23.3031

Square

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



22.3917, 23.0785, 26.5670



22.4321, 23.0785, 23.8530



21.4854, 23.0785, 23.7430



21.4461, 23.0785, 26.4488

Rectangle

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



22.3917, 23.0785, 26.5670



22.6112, 23.0785, 25.0420



21.4854, 23.0785, 23.7430



21.2733, 23.0785, 25.2153

Sweetspot

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



22.3924, 23.0795, 26.5675



40.7388, 42.6208, 47.1278



22.2039, 23.4017, 26.6396



9.4424, 9.8823, 10.9161



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.



22.3924, 23.0795, 26.5675



39.2661, 40.3752, 46.7720



22.6847, 23.2336, 26.4270



5.3305, 5.4654, 6.3798



7.4741, 3.3672, 22.3017



0.0662, 0.0309, 0.1489

Inverse Universe

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



22.5042, 23.1614, 25.4762



39.4852, 40.5356, 44.6366



22.2902, 24.0843, 25.0961



5.3641, 5.4900, 6.0535



10.2542, 5.2118, 3.8430



0.0750, 0.0374, 0.0619

Previews

White Background



This preview shows how the XYZ color 22.3917, 23.0785, 26.5670 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 22.3917, 23.0785, 26.5670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

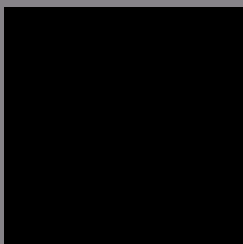
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

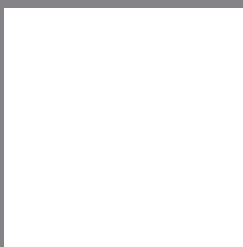
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 22.3917, 23.0785, 26.5670

Background



This preview shows how black text looks on a background with the XYZ color 22.3917, 23.0785, 26.5670.



This preview shows how white text looks on a background with the XYZ color 22.3917, 23.0785,

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

22.3917, 23.0785, 26.5670

Protanopia

22.2331, 22.9967, 26.5596

Deuteranopia

23.5622, 23.0841, 26.8807



Tritanopia

22.7820, 23.0392, 28.4456

Trichromacy



Original Color

22.3917, 23.0785, 26.5670

Protanomaly

22.2331, 22.9967, 26.5596

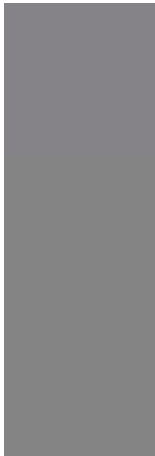
Deuteranomaly

23.1808, 23.0821, 26.9004

Tritanomaly

22.6345, 22.9802, 27.6688

Monochromacy



Original Color

22.3917, 23.0785, 26.5670

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.1578, 23.1825, 25.4971

CSS Examples

Text

The CSS property to change the color of the text to XYZ 22.3917, 23.0785, 26.5670 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(134, 131, 136)` looks like.

```
.text, #text, p{  
    color:rgb(134, 131, 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(134, 131, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 131, 136) }
```

Border

The CSS property to change the border of an element to XYZ 22.3917, 23.0785, 26.5670 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(134, 131, 136) }
```


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

```
.border{ border-color:rgb(134, 131, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 131, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 131, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 131, 136);  
box-shadow:4px 4px 4px 4px rgb(134, 131,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 22.3917, 23.0785, 26.5670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 131, 136) }
```

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

```
.background{ background-color: rgb(134,  
131, 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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