

Converting Colors

XYZ(22.9453, 24.5824, 25.7931)

Have a look what the booklet for
XYZ(22.9453, 24.5824, 25.7931)
contains.

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Color

**XYZ(23.0108, 24.6531,
25.7360)**

Conversions

Conversions Part 1

Format	Color
Hex	868985
RGB	134, 137, 133
RGB Percent	53%, 54%, 52%
CMY	0.4745, 0.4627, 0.4784
CMYK	0.02, 0.00, 0.03, 0.46
HSL	105°, 2%, 53%
HSV	105°, 3%, 54%
XYZ	23.0108, 24.6531, 25.7360
YIQ	135.6470, -0.5040, -1.8800

Conversions

Conversions Part 2

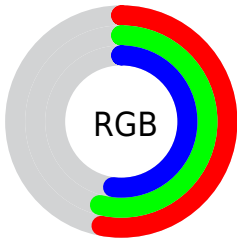
Format	Color
R _Y B	133, 137, 136
Decimal	8817029
CIE Lab	56.74, -1.89, 1.75
CIE LCh	57, 2.575, 137.232
Yxy	24.6531, 0.3135, 0.3359
Android (android.graphics.Color)	4287007109 (0xFF868985)
YUV	135.6470, -1.3050, -1.4444
Hunter-Lab	49.6519, -4.1663, 4.0246

Details

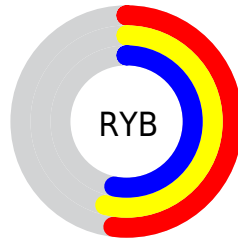
The XYZ color **23.0108, 24.6531, 25.7360** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.0572, 23.8161, 27.0499**, and the grayscale version is **23.2752, 24.4874, 26.6667**.

A 20% lighter version of the original color is **47.7699, 50.9369, 53.7684**, and **8.6646, 9.3413, 9.7339** is the 20% darker color. If you saturate the color by 10%, you get **20.5662, 23.4959, 20.9988**, and if you desaturate by 10%, it is **25.7395, 25.9439, 31.1321**.

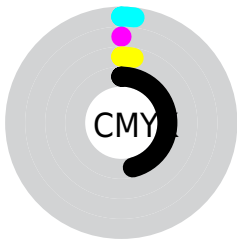
Distribution



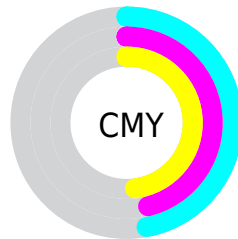
- Red (53%)
- Green (54%)
- Blue (52%)



- Red (52%)
- Yellow (54%)
- Blue (53%)



- Cyan (2%)
- Magenta (0%)
- Yellow (3%)
- Black (46%)



- Cyan (47%)
- Magenta (46%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.0108, 24.6531, 25.7360 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 23.0108, 24.6531, 25.7360 by changing the saturation by 10% instead.

■ 23.0108, 24.6531,
25.7360

■ 23.0108, 24.6531,
25.7360

260.3148,
276.1059, 295.0478

■ 14.7222, 15.8188,
16.4023

■ 47.8776, 51.0939,
53.8276

■ 8.7097, 9.3960,
9.6518

■ 65.1865, 69.4692,
73.4225

■ 4.6079, 5.0004,
5.0661

■ 86.2329, 91.7935,
97.2749

■ 2.0515, 2.2475,
2.2267

111.3822,
118.4514, 125.8033

■ 0.6626, 0.7457,
0.6897

140.9996,
149.8272, 159.4263

■ 0.0000, 0.0000,
0.0000

175.4506,

186.3053, 198.5623

215.1006,
228.2701, 243.6300

■ 23.0108, 24.6531,
25.7360

■ 23.0108, 24.6531,
25.7360

■ 20.5662, 23.4959,
20.9988

■ 25.7395, 25.9439,
31.1321

■ 18.3944, 22.4649,
16.8936

■ 28.7590, 27.3692,
37.2092

■ 16.4863, 21.5567,
13.3942

■ 32.0786, 28.9338,
43.9906

■ 14.8315, 20.7666,
10.4720

■ 35.7062, 30.6415,
51.4978

■ 13.4190, 20.0896,
8.0957

■ 39.6496, 32.4958,
59.7514

■ 12.2368, 19.5201,
6.2316

■ 43.9164, 34.5002,
68.7714

■ 11.2718, 19.0524,
4.8418

■ 48.5137, 36.6579,
78.5767

■ 10.5097, 18.6800,
3.8834

■ 53.4486, 38.9722,
89.1859

■ 9.9339, 18.3953,
3.3056

■ 58.5172, 41.3620,
99.5072

Harmonies

Analogous

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



23.2614, 24.6531, 25.2947



23.0108, 24.6531, 25.7360



22.8735, 24.6531, 26.4793

Triad

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



23.0108, 24.6531, 25.7360



23.3047, 24.6531, 28.4879



23.9877, 24.6531, 26.3562

Complementary

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



23.0108, 24.6531, 25.7360



23.0572, 23.8161, 27.0499

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.



23.9996, 24.6531, 27.2101



23.0108, 24.6531, 25.7360



23.6035, 24.6531, 28.4532

Square

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



23.0108, 24.6531, 25.7360



23.0422, 24.6531, 28.0751



23.8584, 24.6531, 27.9814



23.8262, 24.6531, 25.6476

Rectangle

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



23.0108, 24.6531, 25.7360



22.8640, 24.6531, 27.0517



23.8584, 24.6531, 27.9814



24.0094, 24.6531, 26.6354

Sweetspot

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



23.0115, 24.6542, 25.7365



42.0956, 44.5691, 47.8302



23.3553, 24.6212, 25.7121



9.4492, 10.0001, 10.7425



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.



23.0115, 24.6542, 25.7365



40.6705, 43.8948, 45.0372



22.9223, 24.6002, 26.0950



5.3497, 5.7918, 5.8991



8.9641, 16.9912, 2.8072



0.0713, 0.1189, 0.0192

Inverse Universe

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



23.0572, 23.8161, 27.0499



40.7841, 41.8103, 48.3038



23.1489, 23.8716, 26.6812



5.3665, 5.4839, 6.3815



9.4035, 4.3618, 22.3920



0.0758, 0.0359, 0.1494

Previews

White Background



This preview shows how the XYZ color 23.0108, 24.6531, 25.7360 looks on a white background.

Color Contrast Check

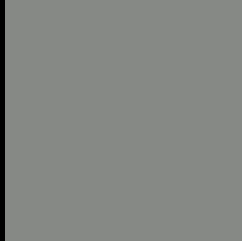
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0108, 24.6531, 25.7360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

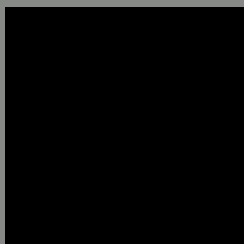
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

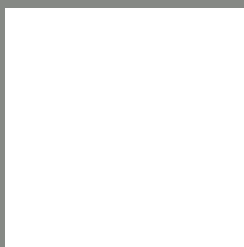
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.0108, 24.6531, 25.7360

Background



This preview shows how black text looks on a background with the XYZ color 23.0108, 24.6531, 25.7360.



This preview shows how white text looks on a background with the XYZ color 23.0108, 24.6531,

25.7360.

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

23.0108, 24.6531, 25.7360

Protanopia

23.4763, 24.4829, 25.3181

Deuteranopia

25.1320, 24.7078, 25.9987



Tritanopia

24.0056, 24.6375, 30.6844

Trichromacy



Original Color

23.0108, 24.6531, 25.7360

Protanomaly

23.2855, 24.5926, 25.3494

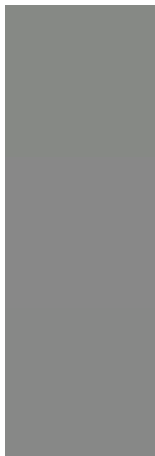
Deuteranomaly

24.3298, 24.7007, 26.0397

Tritanomaly

23.6036, 24.6823, 28.7194

Monochromacy



Original Color

23.0108, 24.6531, 25.7360

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.1690, 24.5085, 26.4311

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.0108, 24.6531, 25.7360 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, 137, 133) looks like.

```
.text, #text, p{  
    color:rgb(134, 137, 133)  
}
```

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, 137, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 137, 133) }
```

Border

The CSS property to change the border of an element to XYZ 23.0108, 24.6531, 25.7360 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, 137, 133) }
```


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

```
.border{ border-color:rgb(134, 137, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 137, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 137, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 137, 133);  
box-shadow:4px 4px 4px 4px rgb(134, 137,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 23.0108, 24.6531, 25.7360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 137, 133) }
```

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

```
.background{ background-color: rgb(134,  
137, 133) }
```

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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