

Converting Colors

XYZ(23.4456, 25.0209, 25.9908)

Have a look what the booklet for
XYZ(23.4456, 25.0209, 25.9908)
contains.

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Color

**XYZ(23.5449, 25.1324,
26.1644)**

Conversions

Conversions Part 1

Format	Color
Hex	888A86
RGB	136, 138, 134
RGB Percent	53%, 54%, 53%
CMY	0.4667, 0.4588, 0.4745
CMYK	0.01, 0.00, 0.03, 0.46
HSL	90°, 2%, 53%
HSV	90°, 3%, 54%
XYZ	23.5449, 25.1324, 26.1644
YIQ	136.9460, 0.0920, -1.6680

Conversions

Conversions Part 2

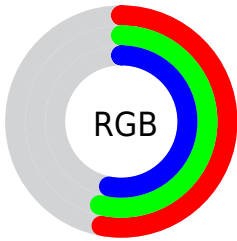
Format	Color
R_{YB}	134, 138, 136
Decimal	8948358
CIE Lab	57.20, -1.52, 1.87
CIE LCh	57, 2.410, 128.984
Yxy	25.1324, 0.3146, 0.3358
Android (android.graphics.Color)	4287138438 (0xFF888A86)
YUV	136.9460, -1.4524, -0.8296
Hunter-Lab	50.1322, -3.8978, 4.1486

Details

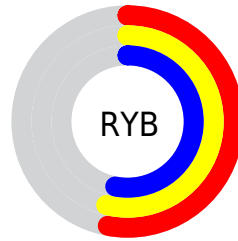
The XYZ color **23.5449, 25.1324, 26.1644** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.2669, 24.1201, 27.4754**, and the grayscale version is **23.7633, 25.0009, 27.2259**.

A 20% lighter version of the original color is **48.5867, 51.6683, 54.4259**, and **8.9277, 9.5980, 9.7696** is the 20% darker color. If you saturate the color by 10%, you get **21.5592, 24.2135, 21.3707**, and if you desaturate by 10%, it is **25.7299, 26.1409, 31.6243**.

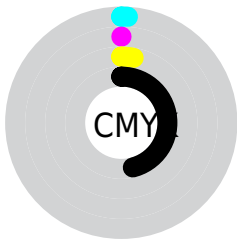
Distribution



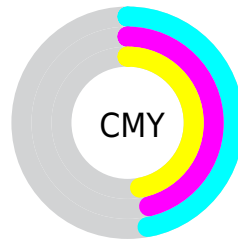
- Red (53%)
- Green (54%)
- Blue (53%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (3%)
- Black (46%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5449, 25.1324, 26.1644 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 23.5449, 25.1324, 26.1644 by changing the saturation by 10% instead.

■ 23.5449, 25.1324,
26.1644

■ 23.5449, 25.1324,
26.1644

262.9949,
278.4967, 297.2193

■ 15.1193, 16.1757,
16.7198

■ 48.7466, 51.8719,
54.5274

■ 8.9900, 9.6486,
9.8751

■ 66.2534, 70.4236,
74.2828

■ 4.7917, 5.1666,
5.2117

■ 87.5180, 92.9423,
98.3123

■ 2.1591, 2.3453,
2.3111

112.9057,
119.8126, 127.0344

■ 0.7210, 0.7975,
0.7374

142.7819,
151.4188, 160.8676

■ 0.0000, 0.0000,
0.0000

177.5119,

188.1453, 200.2305

217.4611,
230.3764, 245.5415

■ 23.5449, 25.1324,
26.1644

■ 23.5449, 25.1324,
26.1644

■ 21.5592, 24.2135,
21.3707

■ 25.7299, 26.1409,
31.6243

■ 19.7646, 23.3785,
17.2159

■ 28.1179, 27.2384,
37.7727

■ 18.1551, 22.6255,
13.6736

■ 30.7154, 28.4283,
44.6332

■ 16.7240, 21.9517,
10.7147

■ 33.5276, 29.7129,
52.2275

■ 15.4636, 21.3539,
8.3077

■ 36.5598, 31.0944,
60.5766

■ 14.3660, 20.8288,
6.4182

■ 39.8169, 32.5749,
69.7005

■ 13.4224, 20.3726,
5.0081

■ 43.3038, 34.1565,
79.6185

■ 12.6229, 19.9811,
4.0339

■ 47.0251, 35.8413,
90.3493

■ 11.9559, 19.6497,
3.4440

■ 50.4651, 37.4230,
99.1713

Harmonies

Analogous

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



23.8022, 25.1324, 25.8456



23.5449, 25.1324, 26.1644



23.3803, 25.1324, 26.8066

Triad

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



23.5449, 25.1324, 26.1644



23.6918, 25.1324, 28.8545



24.4323, 25.1324, 27.1208

Complementary

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



23.5449, 25.1324, 26.1644



23.2669, 24.1201, 27.4754

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.



24.4022, 25.1324, 27.9309



23.5449, 25.1324, 26.1644



23.9732, 25.1324, 28.9426

Square

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



23.5449, 25.1324, 26.1644



23.4646, 25.1324, 28.3630



24.2336, 25.1324, 28.6016



24.3156, 25.1324, 26.3905

Rectangle

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



23.5449, 25.1324, 26.1644



23.3445, 25.1324, 27.3371



24.2336, 25.1324, 28.6016



24.4390, 25.1324, 27.3927

Sweetspot

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



23.5456, 25.1335, 26.1649



42.1975, 44.6216, 47.8350



23.5894, 24.7338, 26.0855



9.4705, 10.0111, 10.7435



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.



23.5456, 25.1335, 26.1649



41.4409, 44.2721, 45.9700



23.2238, 24.9676, 26.1499



5.4524, 5.8423, 6.0094



10.5970, 17.8330, 2.8836



0.0873, 0.1272, 0.0199

Inverse Universe

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



23.2669, 24.1201, 27.4754



40.9224, 42.3869, 48.4078



23.5947, 24.2891, 27.4907



5.3707, 5.5456, 6.3932



6.4759, 2.8526, 22.2550



0.0599, 0.0276, 0.1486

Previews

White Background



This preview shows how the XYZ color 23.5449, 25.1324, 26.1644 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 23.5449, 25.1324, 26.1644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

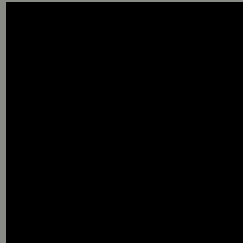
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.5449, 25.1324, 26.1644

Background



This preview shows how black text looks on a background with the XYZ color 23.5449, 25.1324, 26.1644.



This preview shows how white text looks on a background with the XYZ color 23.5449, 25.1324,

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

23.5449, 25.1324, 26.1644

Protanopia

24.1638, 25.2475, 25.7900

Deuteranopia

25.5232, 25.1036, 26.4219



Tritanopia

24.5519, 25.1182, 31.1580

Trichromacy



Original Color

23.5449, 25.1324, 26.1644

Protanomaly

23.8268, 25.0737, 25.7742

Deuteranomaly

24.8912, 25.1882, 26.4716

Tritanomaly

24.1447, 25.1627, 29.1755

Monochromacy



Original Color

23.5449, 25.1324, 26.1644

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.7061, 24.9873, 26.8661

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5449, 25.1324, 26.1644 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(136, 138, 134)` looks like.

```
.text, #text, p{  
    color:rgb(136, 138, 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(136, 138, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 138, 134) }
```

Border

The CSS property to change the border of an element to XYZ 23.5449, 25.1324, 26.1644 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(136, 138, 134) }
```


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

```
.border{ border-color:rgb(136, 138, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 138, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 138, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 138, 134);  
box-shadow:4px 4px 4px 4px rgb(136, 138,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5449, 25.1324, 26.1644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 138, 134) }
```

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

```
.background{ background-color: rgb(136,  
138, 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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