

Converting Colors

XYZ(23.6152, 24.7286, 26.1855)

Have a look what the booklet for
XYZ(23.6152, 24.7286, 26.1855)
contains.

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Color

**XYZ(23.5885, 24.7328,
26.0849)**

Conversions

Conversions Part 1

Format	Color
Hex	8A8886
RGB	138, 136, 134
RGB Percent	54%, 53%, 53%
CMY	0.4588, 0.4667, 0.4745
CMYK	0.00, 0.01, 0.03, 0.46
HSL	30°, 2%, 53%
HSV	30°, 3%, 54%
XYZ	23.5885, 24.7328, 26.0849
YIQ	136.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

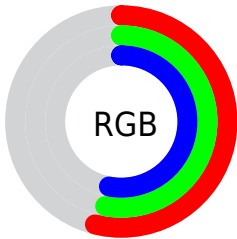
Format	Color
RYB	138, 138, 134
Decimal	9078918
CIELab	56.81, 0.36, 1.33
CIELCh	57, 1.375, 74.869
Yxy	24.7328, 0.3170, 0.3324
Android (android.graphics.Color)	4287268998 (0xFF8A8886)
YUV	136.3700, -1.1684, 1.4295
Hunter-Lab	49.7321, -2.3665, 3.7143

Details

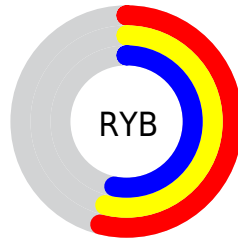
The XYZ color **23.5885, 24.7328, 26.0849** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.2232, 24.5114, 27.5524**, and the grayscale version is **23.5448, 24.7710, 26.9756**.

A 20% lighter version of the original color is **48.6531, 51.0594, 54.3049**, and **8.9525, 9.3704, 9.7243** is the 20% darker color. If you saturate the color by 10%, you get **21.7486, 22.4940, 21.0288**, and if you desaturate by 10%, it is **25.6178, 27.1489, 31.8245**.

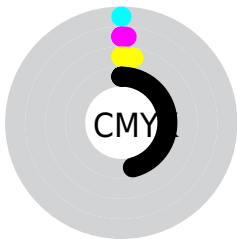
Distribution



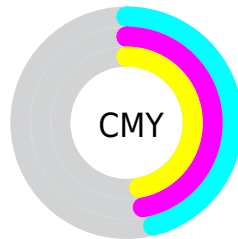
- Red (54%)
- Green (53%)
- Blue (53%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5885, 24.7328, 26.0849 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 23.5885, 24.7328, 26.0849 by changing the saturation by 10% instead.

■ 23.5885, 24.7328,
26.0849

■ 23.5885, 24.7328,
26.0849

263.2127,
276.5046, 296.8173

■ 15.1517, 15.8781,
16.6608

■ 48.8174, 51.2234,
54.3976

■ 9.0130, 9.4379,
9.8336

■ 66.3403, 69.6281,
74.1234

■ 4.8068, 5.0279,
5.1846

■ 87.6226, 91.9849,
98.1201

■ 2.1679, 2.2637,
2.2953

113.0297,
118.6783, 126.8064

■ 0.7258, 0.7544,
0.7286

142.9268,
150.0925, 160.6007

■ 0.0000, 0.0000,
0.0000

177.6795,

186.6121, 199.9216

217.6530,
228.6213, 245.1876

■ 23.5885, 24.7328,
26.0849

■ 23.5885, 24.7328,
26.0849

■ 21.7486, 22.4940,
21.0288

■ 25.6178, 27.1489,
31.8245

■ 20.0902, 20.4250,
16.6287

■ 27.8402, 29.7431,
38.2705

■ 18.6075, 18.5224,
12.8579

■ 30.2619, 32.5205,
45.4465

■ 17.2938, 16.7816,
9.6868

■ 32.8879, 35.4849,
53.3747

■ 16.1419, 15.1976,
7.0837

■ 35.7234, 38.6399,
62.0763

■ 15.1439, 13.7652,
5.0139

■ 38.7732, 41.9891,
71.5716

■ 14.2913, 12.4787,
3.4388

■ 42.0419, 45.5360,
81.8803

■ 13.5744, 11.3321,
2.3144

■ 45.5340, 49.2840,
93.0212

■ 12.9819, 10.3184,
1.5888

■ 48.7339, 53.0284,
102.2747

Harmonies

Analogous

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



23.7274, 24.7328, 26.3106



23.5885, 24.7328, 26.0849



23.4286, 24.7328, 26.0839

Triad

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



23.5885, 24.7328, 26.0849



23.2105, 24.7328, 27.1574



23.7264, 24.7328, 27.5616

Complementary

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



23.5885, 24.7328, 26.0849



23.2232, 24.5114, 27.5524

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.



23.5871, 24.7328, 27.7939



23.5885, 24.7328, 26.0849



23.2896, 24.7328, 27.5587

Square

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



23.5885, 24.7328, 26.0849



23.2109, 24.7328, 26.6996



23.4273, 24.7328, 27.7928



23.8072, 24.7328, 27.1614

Rectangle

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



23.5885, 24.7328, 26.0849



23.3316, 24.7328, 26.2106



23.4273, 24.7328, 27.7928



23.6848, 24.7328, 27.6621

Sweetspot

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



23.5892, 24.7339, 26.0854



42.2251, 44.3724, 47.7854



23.4507, 24.2314, 26.7341



9.4763, 9.9590, 10.7332



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.



23.5892, 24.7339, 26.0854



41.5230, 43.5292, 45.8222



23.8732, 25.3019, 26.1801



5.4653, 5.7252, 5.9861



11.5798, 8.8940, 1.1064



0.0915, 0.0883, 0.0122

Inverse Universe

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



23.2232, 24.5114, 27.5524



40.8418, 43.1152, 48.5526



22.9444, 23.9539, 27.4595



5.3581, 5.6600, 6.4159



6.1676, 5.6056, 22.8026



0.0556, 0.0665, 0.1564

Previews

White Background



This preview shows how the XYZ color 23.5885, 24.7328, 26.0849 looks on a white background.

Color Contrast Check

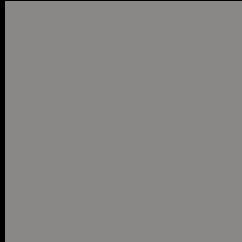
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5885, 24.7328, 26.0849 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

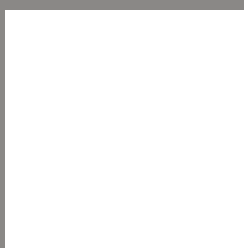
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5885, 24.7328, 26.0849

Background



This preview shows how black text looks on a background with the XYZ color 23.5885, 24.7328, 26.0849.



This preview shows how white text looks on a background with the XYZ color 23.5885, 24.7328,

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

23.5885, 24.7328, 26.0849

Protanopia

23.7547, 24.8185, 26.0927

Deuteranopia

25.2021, 24.7358, 26.3679



Tritanopia

24.4511, 24.6700, 30.2611

Trichromacy



Original Color

23.5885, 24.7328, 26.0849

Protanomaly

23.7547, 24.8185, 26.0927

Deuteranomaly

24.6148, 24.6353, 26.3794

Tritanomaly

24.1192, 24.7400, 28.7034

Monochromacy



Original Color

23.5885, 24.7328, 26.0849

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.4939, 24.6760, 26.4463

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5885, 24.7328, 26.0849 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(138, 136, 134)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 23.5885, 24.7328, 26.0849 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(138, 136, 134) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 23.5885, 24.7328, 26.0849 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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