

Converting Colors

XYZ(23.5451, 23.4978, 25.4871)

Have a look what the booklet for
XYZ(23.5451, 23.4978, 25.4871)
contains.

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Color

**XYZ(23.5440, 23.4984,
25.4850)**

Conversions

Conversions Part 1

Format	Color
Hex	8F8285
RGB	143, 130, 133
RGB Percent	56%, 51%, 52%
CMY	0.4392, 0.4902, 0.4784
CMYK	0.00, 0.09, 0.07, 0.44
HSL	346°, 5%, 54%
HSV	346°, 9%, 56%
XYZ	23.5440, 23.4984, 25.4850
YIQ	134.2290, 6.7850, 3.6890

Conversions

Conversions Part 2

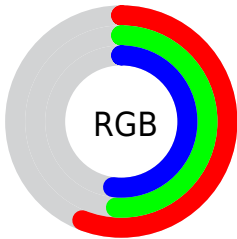
Format	Color
R_{YB}	143, 130, 133
Decimal	9405061
CIE _{Lab}	55.58, 5.47, 0.16
CIE _{LCh}	56, 5.474, 1.698
Yxy	23.4984, 0.3246, 0.3240
Android (android.graphics.Color)	4287595141 (0xFF8F8285)
YUV	134.2290, -0.6059, 7.6922
Hunter-Lab	48.4751, 1.8645, 2.7619

Details

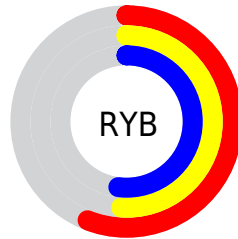
The XYZ color **23.5440, 23.4984, 25.4850** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.7630, 26.2849, 28.6334**, and the grayscale version is **22.7452, 23.9297, 26.0595**.

A 20% lighter version of the original color is **48.8224, 49.2825, 53.3936**, and **9.0569, 8.8521, 9.6188** is the 20% darker color. If you saturate the color by 10%, you get **21.0519, 19.6674, 21.0984**, and if you desaturate by 10%, it is **26.3815, 27.8921, 30.3801**.

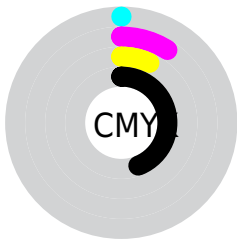
Distribution



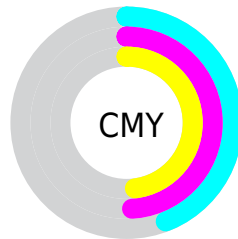
- Red (56%)
- Green (51%)
- Blue (52%)



- Red (56%)
- Yellow (51%)
- Blue (52%)



- Cyan (0%)
- Magenta (9%)
- Yellow (7%)
- Black (44%)



- Cyan (44%)
- Magenta (49%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.5440, 23.4984, 25.4850 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 23.5440, 23.4984, 25.4850 by changing the saturation by 10% instead.

■ 23.5440, 23.4984,
25.4850

■ 23.5440, 23.4984,
25.4850

262.9904,
270.2746, 293.7693

■ 15.1186, 14.9620,
16.2165

■ 48.7452, 49.2104,
53.4168

■ 8.9895, 8.7927,
9.5214

■ 66.2516, 67.1548,
72.9171

■ 4.7914, 4.6062,
4.9814

■ 87.5158, 89.0039,
96.6651

■ 2.1589, 2.0181,
2.1778

112.9031,
115.1422, 125.0794

■ 0.7209, 0.6180,
0.6615

142.7789,
145.9540, 158.5784

■ 0.0000, 0.0000,
0.0000

177.5084,

181.8237, 197.5807

217.4572,
223.1358, 242.5048

■ 23.5440, 23.4984,
25.4850

■ 23.5440, 23.4984,
25.4850

■ 21.0519, 19.6674,
21.0984

■ 26.3815, 27.8921,
30.3801

■ 18.8898, 16.3732,
17.2025

■ 29.5748, 32.8667,
35.7980

■ 17.0444, 13.5928,
13.7803

■ 33.1367, 38.4435,
41.7542

■ 15.5003, 11.3001,
10.8134

■ 37.0784, 44.6417,
48.2631

■ 14.2411, 9.4667,
8.2822

■ 41.4107, 51.4798,
55.3384

■ 13.2488, 8.0613,
6.1657

■ 46.1442, 58.9754,
62.9937

■ 12.5031, 7.0487,
4.4408

■ 51.2888, 67.1455,
71.2418

■ 11.9806, 6.3880,
3.0823

■ 56.8542, 76.0063,
80.0952

■ 11.6304, 5.9834,
2.0537

■ 61.6566, 83.1872,
89.1682

Harmonies

Analogous

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



23.3977, 23.4984, 27.2341



23.5440, 23.4984, 25.4850



23.3613, 23.4984, 23.8382

Triad

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



23.5440, 23.4984, 25.4850



21.7157, 23.4984, 22.7970



21.7756, 23.4984, 28.7020

Complementary

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



23.5440, 23.4984, 25.4850



23.7630, 26.2849, 28.6334

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.



21.3383, 23.4984, 27.4167



23.5440, 23.4984, 25.4850



21.3041, 23.4984, 24.0053

Square

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



23.5440, 23.4984, 25.4850



22.2993, 23.4984, 22.3313



21.1672, 23.4984, 25.6868



22.3698, 23.4984, 29.1420

Rectangle

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



23.5440, 23.4984, 25.4850



23.0795, 23.4984, 23.0059



21.1672, 23.4984, 25.6868



21.6058, 23.4984, 28.3517

Sweetspot

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



23.5447, 23.4994, 25.4855



45.1502, 46.7006, 50.8110



23.7510, 23.5221, 29.2754



10.2647, 10.5712, 11.4982



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



23.5447, 23.4994, 25.4855



41.1563, 40.5290, 43.8803



23.8093, 24.3555, 24.5666



5.4567, 5.4432, 5.9029



10.2653, 5.2632, 1.7827



0.1054, 0.0532, 0.0554

Inverse Universe

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



23.5447, 23.4994, 25.4855



41.1563, 40.5290, 43.8803



23.4747, 25.3499, 29.6427



5.4567, 5.4432, 5.9029



10.2653, 5.2632, 1.7827



0.1054, 0.0532, 0.0554

Previews

White Background



This preview shows how the XYZ color 23.5440, 23.4984, 25.4850 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 23.5440, 23.4984, 25.4850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

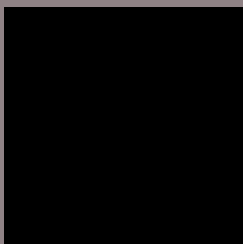
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

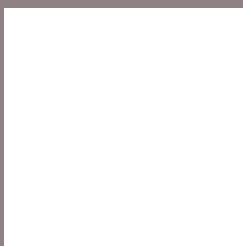
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.5440, 23.4984, 25.4850

Background



This preview shows how black text looks on a background with the XYZ color 23.5440, 23.4984, 25.4850.



This preview shows how white text looks on a background with the XYZ color 23.5440, 23.4984,

25.4850.

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

23.5440, 23.4984, 25.4850

Protanopia

22.6823, 23.6472, 25.9231

Deuteranopia

23.9380, 23.5050, 25.4655



Tritanopia

24.0121, 23.4939, 27.6953

Trichromacy



Original Color

23.5440, 23.4984, 25.4850

Protanomaly

23.0356, 23.6270, 25.9006

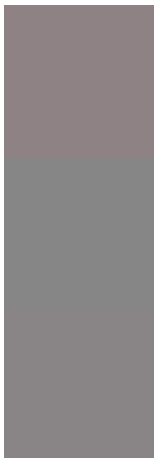
Deuteranomaly

23.7609, 23.4137, 25.4573

Tritanomaly

23.8672, 23.4359, 26.9326

Monochromacy



Original Color

23.5440, 23.4984, 25.4850

Achromatopsia

22.6597, 23.8398, 25.9615

Achromatomaly

23.0071, 23.8147, 25.9383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.5440, 23.4984, 25.4850 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(143, 130, 133)` looks like.

```
.text, #text, p{  
    color:rgb(143, 130, 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(143, 130, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 130, 133) }
```

Border

The CSS property to change the border of an element to XYZ 23.5440, 23.4984, 25.4850 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(143, 130, 133) }
```


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

```
.border{ border-color:rgb(143, 130, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 130, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 130, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 130, 133);  
box-shadow:4px 4px 4px 4px rgb(143, 130,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 23.5440, 23.4984, 25.4850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 130, 133) }
```

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

```
.background{ background-color: rgb(143,  
130, 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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