

Converting Colors

XYZ(23.9752, 21.4762, 25.8595)

Have a look what the booklet for
XYZ(23.9752, 21.4762, 25.8595)
contains.

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Color

**XYZ(23.9885, 21.4784,
25.8031)**

Conversions

Conversions Part 1

Format	Color
Hex	997687
RGB	153, 118, 135
RGB Percent	60%, 46%, 53%
CMY	0.4000, 0.5372, 0.4706
CMYK	0.00, 0.23, 0.12, 0.40
HSL	331°, 15%, 53%
HSV	331°, 23%, 60%
XYZ	23.9885, 21.4784, 25.8031
YIQ	130.4030, 15.4030, 12.7070

Conversions

Conversions Part 2

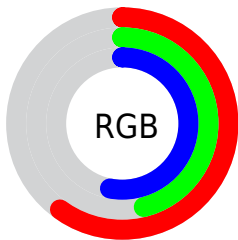
Format	Color
R_{YB}	153, 118, 135
Decimal	10057351
CIE _{Lab}	53.47, 16.54, -3.99
CIE _{LCh}	53, 17.018, 346.435
Yxy	21.4784, 0.3366, 0.3014
Android (android.graphics.Color)	4288247431 (0xFF997687)
YUV	130.4030, 2.2663, 19.8176
Hunter-Lab	46.3448, 11.2899, -0.5692

Details

The XYZ color **23.9885, 21.4784, 25.8031** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.3073, 28.4122, 27.5496**, and the grayscale version is **21.3497, 22.4616, 24.4607**.

A 20% lighter version of the original color is **49.4643, 45.7902, 53.8083**, and **9.1346, 7.6788, 9.5950** is the 20% darker color. If you saturate the color by 10%, you get **21.7972, 17.9497, 22.4395**, and if you desaturate by 10%, it is **26.5143, 25.6099, 29.4808**.

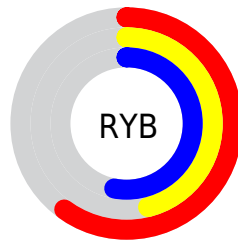
Distribution



Red (60%)

Green (46%)

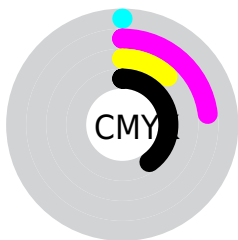
Blue (53%)



Red (60%)

Yellow (46%)

Blue (53%)

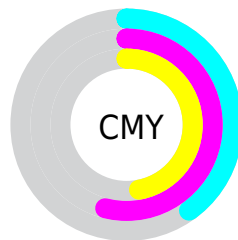


Cyan (0%)

Magenta (23%)

Yellow (12%)

Black (40%)



Cyan (40%)


Magenta (54%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 23.9885, 21.4784, 25.8031 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 23.9885, 21.4784, 25.8031 by changing the saturation by 10% instead.


 23.9885, 21.4784,
25.8031


 23.9885, 21.4784,
25.8031


265.2039,
259.8101, 295.3888


 15.4498, 13.4741,
16.4520


 49.4662, 45.8824,
53.9373

 9.2240, 7.7558,
9.6867


 67.1360, 63.0509,
73.5574

 4.9459, 3.9391,
5.0889


 88.5801, 84.0429,
97.4377

 2.2500, 1.6396,
2.2398

114.1640,
109.2429, 125.9965

 0.7689, 0.3841,
0.6972

144.2529,
139.0352, 159.6525

 0.0000, 0.0000,
0.0000

179.2123,

173.8043, 198.8242

219.4075,
213.9344, 243.9301

■ 23.9885, 21.4784,
25.8031

■ 23.9885, 21.4784,
25.8031

■ 21.7972, 17.9497,
22.4395

■ 26.5143, 25.6099,
29.4808

■ 19.9235, 14.9925,
19.3793

■ 29.3866, 30.3680,
33.4800

■ 18.3520, 12.5769,
16.6130

■ 32.6194, 35.7785,
37.8098

■ 17.0650, 10.6690,
14.1302

■ 36.2249, 41.8651,
42.4781

■ 16.0429, 9.2315,
11.9195

■ 40.2150, 48.6502,
47.4928

■ 15.2635, 8.2212,
9.9684

■ 44.6011, 56.1552,
52.8615

■ 14.7005, 7.5875,
8.2629

■ 49.3940, 64.4006,
58.5914

■ 14.3835, 7.2710,
7.1786

■ 54.6041, 73.4059,
64.6895

■ 60.0162, 82.7401,
71.0876

Harmonies

Analogous

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



23.0419, 21.4784, 30.9509



23.9885, 21.4784, 25.8031



23.9383, 21.4784, 20.6778

Triad

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



23.9885, 21.4784, 25.8031



19.4455, 21.4784, 15.0691



18.1085, 21.4784, 31.3785

Complementary

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



23.9885, 21.4784, 25.8031



23.3073, 28.4122, 27.5496

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.



17.2548, 21.4784, 26.3216



23.9885, 21.4784, 25.8031



17.9949, 21.4784, 17.1672

Square

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



23.9885, 21.4784, 25.8031



21.2419, 21.4784, 14.9729



17.2145, 21.4784, 21.1254



19.6090, 21.4784, 34.4766

Rectangle

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



23.9885, 21.4784, 25.8031



23.3448, 21.4784, 17.9515



17.2145, 21.4784, 21.1254



17.7404, 21.4784, 29.8203

Sweetspot

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



23.9891, 21.4794, 25.8036



50.3563, 50.6110, 56.8325



22.3014, 20.4503, 32.9093



11.0602, 11.0777, 12.4673



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



23.9891, 21.4794, 25.8036



41.0595, 35.3904, 43.3347



22.8861, 21.0382, 19.9952



6.3275, 6.2702, 7.1048



11.9043, 6.0160, 6.0212



0.1962, 0.0972, 0.1862

Inverse Universe

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



23.9891, 21.4794, 25.8036



41.0595, 35.3904, 43.3347



24.6129, 28.9345, 34.4251



6.3275, 6.2702, 7.1048



11.9043, 6.0160, 6.0212



0.1962, 0.0972, 0.1862

Previews

White Background



This preview shows how the XYZ color 23.9885, 21.4784, 25.8031 looks on a white background.

Color Contrast Check

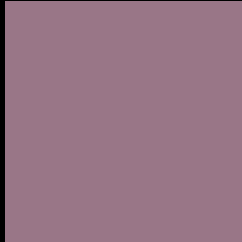
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9885, 21.4784, 25.8031 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 23.9885, 21.4784, 25.8031

Background



This preview shows how black text looks on a background with the XYZ color 23.9885, 21.4784, 25.8031.



This preview shows how white text looks on a background with the XYZ color 23.9885, 21.4784,

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

23.9885, 21.4784, 25.8031

Protanopia

21.1495, 21.6139, 28.2565

Deuteranopia

21.9920, 21.5398, 25.5528



Tritanopia

23.4420, 21.4276, 23.3225

Trichromacy



Original Color

23.9885, 21.4784, 25.8031

Protanomaly

22.0212, 21.5136, 27.4180

Deuteranomaly

22.5903, 21.4799, 25.5097

Tritanomaly

23.6425, 21.5077, 24.3780

Monochromacy



Original Color

23.9885, 21.4784, 25.8031

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

22.1069, 21.9909, 24.9093

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9885, 21.4784, 25.8031 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(153, 118, 135)` looks like.

```
.text, #text, p{  
    color:rgb(153, 118, 135)  
}
```

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(153, 118, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 118, 135) }
```

Border

The CSS property to change the border of an element to XYZ 23.9885, 21.4784, 25.8031 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(153, 118, 135) }
```


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

```
.border{ border-color:rgb(153, 118, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 118, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 118, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 118, 135); box-shadow:4px 4px 4px 4px rgb(153, 118, 135) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9885, 21.4784, 25.8031 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 118, 135) }
```

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

```
.background{ background-color: rgb(153,  
118, 135) }
```

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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