

Converting Colors

XYZ(23.8513, 22.3057, 25.9710)

Have a look what the booklet for
XYZ(23.8513, 22.3057, 25.9710)
contains.

XYZ(23.8506, 22.3047, 25.9699)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(23.8506, 22.3047,
25.9699)**

Conversions

Conversions Part 1

Format	Color
Hex	957B87
RGB	149, 123, 135
RGB Percent	58%, 48%, 53%
CMY	0.4157, 0.5176, 0.4706
CMYK	0.00, 0.17, 0.09, 0.42
HSL	332°, 11%, 53%
HSV	332°, 17%, 58%
XYZ	23.8506, 22.3047, 25.9699
YIQ	132.1420, 11.6440, 9.2440

Conversions

Conversions Part 2

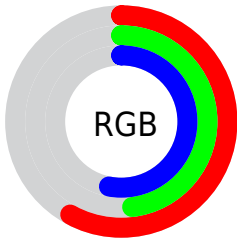
Format	Color
R_{YB}	149, 123, 135
Decimal	9796487
CIE _{Lab}	54.35, 12.14, -2.74
CIE _{LCh}	54, 12.450, 347.282
Yxy	22.3047, 0.3307, 0.3092
Android (android.graphics.Color)	4287986567 (0xFF957B87)
YUV	132.1420, 1.4090, 14.7845
Hunter-Lab	47.2279, 7.4958, 0.4568

Details

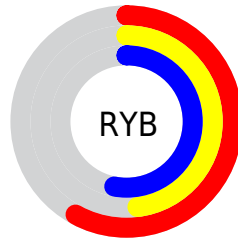
The XYZ color **23.8506, 22.3047, 25.9699** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.4321, 27.5127, 27.7437**, and the grayscale version is **21.9760, 23.1204, 25.1782**.

A 20% lighter version of the original color is **49.2310, 47.3780, 54.1271**, and **9.1255, 8.1501, 9.6865** is the 20% darker color. If you saturate the color by 10%, you get **21.5974, 18.6683, 22.5359**, and if you desaturate by 10%, it is **26.4291, 26.5228, 29.7229**.

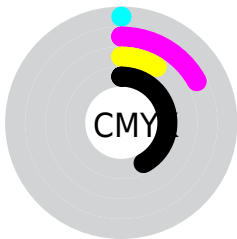
Distribution



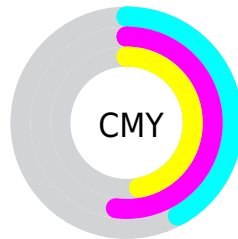
- Red (58%)
- Green (48%)
- Blue (53%)



- Red (58%)
- Yellow (48%)
- Blue (53%)



- Cyan (0%)
- Magenta (17%)
- Yellow (9%)
- Black (42%)



- Cyan (42%)
- Magenta (52%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.8506, 22.3047, 25.9699 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 23.8506, 22.3047, 25.9699 by changing the saturation by 10% instead.

■ 23.8506, 22.3047,
25.9699

■ 23.8506, 22.3047,
25.9699

264.5188,
264.1334, 296.2351

■ 15.3470, 14.0810,
16.5756

■ 49.2427, 47.2491,
54.2099

■ 9.1512, 8.1770,
9.7736

■ 66.8620, 64.7385,
73.8926

■ 4.8978, 4.2084,
5.1455

■ 88.2504, 86.0853,
97.8418

■ 2.2216, 1.7908,
2.2726

113.7735,
111.6738, 126.4762

■ 0.7541, 0.4814,
0.7158

143.7965,
141.8885, 160.2141

■ 0.0000, 0.0000,
0.0000

178.6848,

177.1138, 199.4742

218.8038,
217.7339, 244.6750

■ 23.8506, 22.3047,
25.9699

■ 23.8506, 22.3047,
25.9699

■ 21.5974, 18.6683,
22.5359

■ 26.4291, 26.5228,
29.7229

■ 19.6538, 15.5848,
19.4104

■ 29.3436, 31.3438,
33.8023

■ 18.0059, 13.0277,
16.5841

■ 32.6069, 36.7913,
38.2168

■ 16.6380, 10.9668,
14.0470

■ 36.2305, 42.8870,
42.9745

■ 15.5324, 9.3690,
11.7880

■ 40.2252, 49.6512,
48.0830

■ 14.6699, 8.1969,
9.7954

■ 44.6015, 57.1037,
53.5499

■ 14.0277, 7.4075,
8.0559

■ 49.3694, 65.2633,
59.3823

■ 13.5671, 6.9247,
6.5509

■ 54.5387, 74.1480,
65.5872

■ 13.4614, 6.8164,
6.1978

■ 59.4435, 82.4252,
71.9465

Harmonies

Analogous

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



23.1770, 22.3047, 29.7209



23.8506, 22.3047, 25.9699



23.7924, 22.3047, 22.1313

Triad

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



23.8506, 22.3047, 25.9699



20.4336, 22.3047, 17.8221



19.4773, 22.3047, 30.2054

Complementary

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



23.8506, 22.3047, 25.9699



23.4321, 27.5127, 27.7437

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.



18.8030, 22.3047, 26.5762



23.8506, 22.3047, 25.9699



19.3387, 22.3047, 19.5577

Square

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



23.8506, 22.3047, 25.9699



21.7800, 22.3047, 17.6969



18.7533, 22.3047, 22.6766



20.6303, 22.3047, 32.3360

Rectangle

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



23.8506, 22.3047, 25.9699



23.3463, 22.3047, 20.0317



18.7533, 22.3047, 22.6766



19.1894, 22.3047, 29.1037

Sweetspot

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



23.8512, 22.3057, 25.9704



48.5002, 49.4256, 54.8903



22.8033, 21.6440, 31.4101



10.6776, 10.8368, 12.0644



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



23.8512, 22.3057, 25.9704



41.0400, 37.2328, 43.9948



23.1613, 22.2025, 21.8047



5.9055, 5.8573, 6.6083



11.3442, 5.7427, 5.2937



0.1535, 0.0761, 0.1418

Inverse Universe

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



23.8512, 22.3057, 25.9704



41.0400, 37.2328, 43.9948



24.2048, 27.6032, 32.4865



5.9055, 5.8573, 6.6083



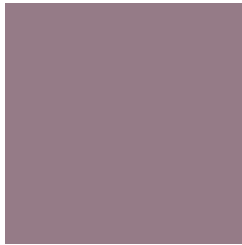
11.3442, 5.7427, 5.2937



0.1535, 0.0761, 0.1418

Previews

White Background



This preview shows how the XYZ color 23.8506, 22.3047, 25.9699 looks on a white background.

Color Contrast Check

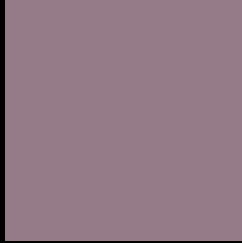
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.8506, 22.3047, 25.9699 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 23.8506, 22.3047, 25.9699

Background



This preview shows how black text looks on a background with the XYZ color 23.8506, 22.3047, 25.9699.



This preview shows how white text looks on a background with the XYZ color 23.8506, 22.3047,

25.9699.

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

23.8506, 22.3047, 25.9699

Protanopia

21.7164, 22.3104, 27.5879

Deuteranopia

22.7484, 22.3057, 25.6607



Tritanopia

23.7110, 22.2489, 25.2351

Trichromacy



Original Color

23.8506, 22.3047, 25.9699

Protanomaly

22.4933, 22.3321, 27.1698

Deuteranomaly

23.1383, 22.3178, 25.6425

Tritanomaly

23.7805, 22.2767, 25.6007

Monochromacy



Original Color

23.8506, 22.3047, 25.9699

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.5651, 22.7972, 25.4013

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.8506, 22.3047, 25.9699 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(149, 123, 135)` looks like.

```
.text, #text, p{  
    color:rgb(149, 123, 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(149, 123, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 123, 135) }
```

Border

The CSS property to change the border of an element to XYZ 23.8506, 22.3047, 25.9699 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(149, 123, 135) }
```


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

```
.border{ border-color:rgb(149, 123, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 123, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 123, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 123, 135);  
box-shadow:4px 4px 4px 4px rgb(149, 123,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 23.8506, 22.3047, 25.9699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 123, 135) }
```

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

```
.background{ background-color: rgb(149,  
123, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor