

Converting Colors

XYZ(23.5759, 22.4133, 25.9893)

Have a look what the booklet for
XYZ(23.5759, 22.4133, 25.9893)
contains.

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Color

**XYZ(23.6134, 22.3676,
25.9945)**

Conversions

Conversions Part 1

Format	Color
Hex	937C87
RGB	147, 124, 135
RGB Percent	58%, 49%, 53%
CMY	0.4235, 0.5137, 0.4706
CMYK	0.00, 0.16, 0.08, 0.42
HSL	331°, 10%, 53%
HSV	331°, 16%, 58%
XYZ	23.6134, 22.3676, 25.9945
YIQ	132.1310, 10.1770, 8.2970

Conversions

Conversions Part 2

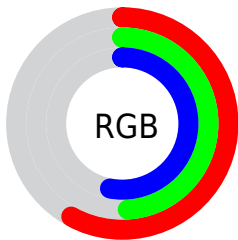
Format	Color
R_{YB}	147, 124, 135
Decimal	9665671
CIE _{Lab}	54.41, 10.81, -2.67
CIE _{LCh}	54, 11.135, 346.147
Yxy	22.3676, 0.3281, 0.3108
Android (android.graphics.Color)	4287855751 (0xFF937C87)
YUV	132.1310, 1.4144, 13.0401
Hunter-Lab	47.2944, 6.3572, 0.5184

Details

The XYZ color **23.6134, 22.3676, 25.9945** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.1906, 26.9306, 27.2696**, and the grayscale version is **21.9724, 23.1166, 25.1740**.

A 20% lighter version of the original color is **48.8866, 47.4926, 54.1673**, and **8.9796, 8.1748, 9.6990** is the 20% darker color. If you saturate the color by 10%, you get **21.3861, 18.7462, 22.6830**, and if you desaturate by 10%, it is **26.1555, 26.5558, 29.6035**.

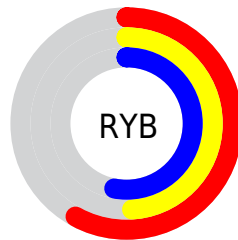
Distribution



Red (58%)

Green (49%)

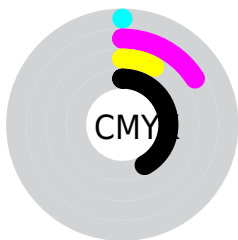
Blue (53%)



Red (58%)

Yellow (49%)

Blue (53%)

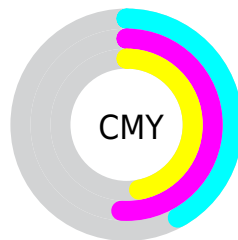


Cyan (0%)

Magenta (16%)

Yellow (8%)

Black (42%)



Cyan (42%)

Magenta (51%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.6134, 22.3676, 25.9945 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 23.6134, 22.3676, 25.9945 by changing the saturation by 10% instead.

■ 23.6134, 22.3676,
25.9945

■ 23.6134, 22.3676,
25.9945

263.3370,
264.4600, 296.3597

■ 15.1703, 14.1273,
16.5938

■ 48.8579, 47.3528,
54.2500

■ 9.0261, 8.2092,
9.7864

■ 66.3899, 64.8665,
73.9420

■ 4.8154, 4.2291,
5.1538

■ 87.6823, 86.2400,
97.9014

■ 2.1730, 1.8025,
2.2775

113.1004,
111.8579, 126.5468

■ 0.7285, 0.4888,
0.7186

143.0096,
142.1044, 160.2968

■ 0.0000, 0.0000,
0.0000

177.7752,

177.3640, 199.5700

217.7625,
218.0211, 244.7847

■ 23.6134, 22.3676,
25.9945

■ 23.6134, 22.3676,
25.9945

■ 21.3861, 18.7462,
22.6830

■ 26.1555, 26.5558,
29.6035

■ 19.4589, 15.6641,
19.6592

■ 29.0227, 31.3310,
33.5164

■ 17.8184, 13.0959,
16.9149

■ 32.2271, 36.7157,
37.7414

■ 16.4497, 11.0131,
14.4407

■ 35.7796, 42.7307,
42.2858

■ 15.3363, 9.3841,
12.2267

■ 39.6906, 49.3956,
47.1567

■ 14.4599, 8.1739,
10.2621

■ 43.9700, 56.7292,
52.3608

■ 13.7996, 7.3419,
8.5352

■ 48.6276, 64.7495,
57.9047

■ 13.3261, 6.8316,
7.0311

■ 53.6723, 73.4739,
63.7949

■ 13.1476, 6.6490,
6.4341

■ 58.6959, 82.0844,
69.8984

Harmonies

Analogous

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



22.9921, 22.3676, 29.2984



23.6134, 22.3676, 25.9945



23.5874, 22.3676, 22.5381

Triad

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



23.6134, 22.3676, 25.9945



20.6156, 22.3676, 18.4681



19.6795, 22.3676, 29.5135

Complementary

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



23.6134, 22.3676, 25.9945



23.1906, 26.9306, 27.2696

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.



19.0905, 22.3676, 26.2660



23.6134, 22.3676, 25.9945



19.6167, 22.3676, 20.0006

Square

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



23.6134, 22.3676, 25.9945



21.8249, 22.3676, 18.4105



19.0679, 22.3676, 22.7850



20.7044, 22.3676, 31.4573

Rectangle

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



23.6134, 22.3676, 25.9945



23.2057, 22.3676, 20.6118



19.0679, 22.3676, 22.7850



19.4257, 22.3676, 28.5249

Sweetspot

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



23.6140, 22.3686, 25.9950



47.1034, 47.9931, 53.3806



22.6093, 21.7474, 30.6100



10.6819, 10.8385, 12.0873



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.



23.6140, 22.3686, 25.9950



40.7298, 37.5121, 44.2695



22.9273, 22.1709, 22.1410



5.9094, 5.8588, 6.6289



11.4106, 5.7693, 5.6432



0.1544, 0.0765, 0.1467

Inverse Universe

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



23.6140, 22.3686, 25.9950



40.7298, 37.5121, 44.2695



23.9535, 27.1405, 31.5801



5.9094, 5.8588, 6.6289



11.4106, 5.7693, 5.6432



0.1544, 0.0765, 0.1467

Previews

White Background



This preview shows how the XYZ color 23.6134, 22.3676, 25.9945 looks on a white background.

Color Contrast Check

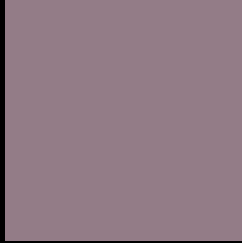
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.6134, 22.3676, 25.9945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

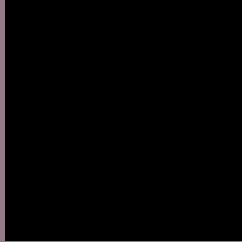
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.6134, 22.3676, 25.9945

Background



This preview shows how black text looks on a background with the XYZ color 23.6134, 22.3676, 25.9945.



This preview shows how white text looks on a background with the XYZ color 23.6134, 22.3676,

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

23.6134, 22.3676, 25.9945

Protanopia

21.6436, 22.2813, 27.2047

Deuteranopia

22.8185, 22.3337, 26.0298



Tritanopia

23.5433, 22.3396, 25.6254

Trichromacy



Original Color

23.6134, 22.3676, 25.9945

Protanomaly

22.2581, 22.2191, 26.7825

Deuteranomaly

23.0345, 22.2561, 26.0035

Tritanomaly

23.5433, 22.3396, 25.6254

Monochromacy



Original Color

23.6134, 22.3676, 25.9945

Achromatopsia

21.9318, 23.0740, 25.1276

Achromatomaly

22.4004, 22.7123, 25.3936

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.6134, 22.3676, 25.9945 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(147, 124, 135)` looks like.

```
.text, #text, p{  
    color:rgb(147, 124, 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(147, 124, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 124, 135) }
```

Border

The CSS property to change the border of an element to XYZ 23.6134, 22.3676, 25.9945 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(147, 124, 135) }
```


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

```
.border{ border-color:rgb(147, 124, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 124, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 124, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 124, 135);  
box-shadow:4px 4px 4px 4px rgb(147, 124,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 23.6134, 22.3676, 25.9945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 124, 135) }
```

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

```
.background{ background-color: rgb(147,  
124, 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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