

Converting Colors

XYZ(23.8750, 20.5928, 25.1077)

Have a look what the booklet for
XYZ(23.8750, 20.5928, 25.1077)
contains.

XYZ(23.9185, 20.5994, 25.2697)	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(23.9185, 20.5994,
25.2697)**

Conversions

Conversions Part 1

Format	Color
Hex	9C7186
RGB	156, 113, 134
RGB Percent	61%, 44%, 53%
CMY	0.3882, 0.5568, 0.4745
CMYK	0.00, 0.28, 0.14, 0.39
HSL	331°, 18%, 53%
HSV	331°, 28%, 61%
XYZ	23.9185, 20.5994, 25.2697
YIQ	128.2510, 18.8870, 15.6470

Conversions

Conversions Part 2

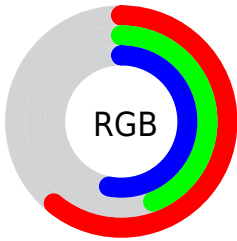
Format	Color
R_{YB}	156, 113, 134
Decimal	10252678
CIE _{Lab}	52.51, 20.38, -4.79
CIE _{LCh}	53, 20.932, 346.774
Yxy	20.5994, 0.3427, 0.2952
Android (android.graphics.Color)	4288442758 (0xFF9C7186)
YUV	128.2510, 2.8343, 24.3359
Hunter-Lab	45.3866, 14.6422, -1.2401

Details

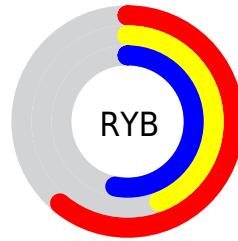
The XYZ color **23.9185, 20.5994, 25.2697** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **23.0725, 29.0375, 27.3117**, and the grayscale version is **20.5913, 21.6636, 23.5917**.

A 20% lighter version of the original color is **49.2887, 44.3470, 52.9757**, and **9.1994, 7.3637, 9.3240** is the 20% darker color. If you saturate the color by 10%, you get **21.7896, 17.1990, 21.9163**, and if you desaturate by 10%, it is **26.3898, 24.6168, 28.9450**.

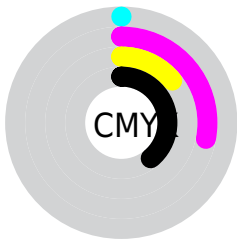
Distribution



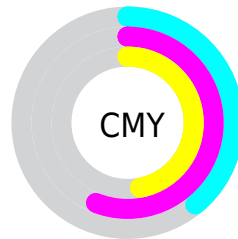
- Red (61%)
- Green (44%)
- Blue (53%)



- Red (61%)
- Yellow (44%)
- Blue (53%)



- Cyan (0%)
- Magenta (28%)
- Yellow (14%)
- Black (39%)



- Cyan (39%)
- Magenta (56%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.9185, 20.5994, 25.2697 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 23.9185, 20.5994, 25.2697 by changing the saturation by 10% instead.

■ 23.9185, 20.5994,
25.2697

■ 23.9185, 20.5994,
25.2697

264.8563,
255.1418, 292.6690

■ 15.3976, 12.8315,
16.0573

■ 49.3528, 44.4199,
53.0640

■ 9.1870, 7.3126,
9.4099

■ 66.9969, 61.2412,
72.4828

■ 4.9215, 3.6584,
4.9090

■ 88.4128, 81.8492,
96.1410

■ 2.2355, 1.4844,
2.1362

■ 113.9658,
106.6281, 124.4569

■ 0.7614, 0.2777,
0.6372

144.0213,
135.9625, 157.8491

■ 0.0000, 0.0000,
0.0000

178.9447,

170.2366, 196.7361

219.1012,
209.8349, 241.5366

■ 23.9185, 20.5994,
25.2697

■ 23.9185, 20.5994,
25.2697

■ 21.7896, 17.1990,
21.9163

■ 26.3898, 24.6168,
28.9450

■ 19.9851, 14.3819,
18.8737

■ 29.2168, 29.2772,
32.9504

■ 18.4880, 12.1152,
16.1316


■ 32.4142, 34.6085,
37.2954


■ 17.2789, 10.3619,
13.6787


■ 35.9955, 40.6360,
41.9884


■ 16.3360, 9.0800,
11.5027


■ 39.9734, 47.3839,
47.0379


 15.6343, 8.2211,
9.5900


 44.3598, 54.8750,
52.4517

 15.1314, 7.7024,
7.9208

 49.1665, 63.1313,
58.2375

 15.0212, 7.5923,
7.5443

 54.4045, 72.1737,
64.4028

 60.0844, 82.0225,
70.9548

Harmonies

Analogous

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



22.7724, 20.5994, 31.6275



23.9185, 20.5994, 25.2697



23.8424, 20.5994, 19.1609

Triad

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



23.9185, 20.5994, 25.2697



18.4019, 20.5994, 12.8397



16.8637, 20.5994, 32.2884

Complementary

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



23.9185, 20.5994, 25.2697



23.0725, 29.0375, 27.3117

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.



15.8570, 20.5994, 26.0495



23.9185, 20.5994, 25.2697



16.6992, 20.5994, 15.2135

Square

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



23.9185, 20.5994, 25.2697



20.5473, 20.5994, 12.7085



15.7991, 20.5994, 19.8100



18.6418, 20.5994, 36.1552

Rectangle

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



23.9185, 20.5994, 25.2697



23.1072, 20.5994, 16.0211



15.7991, 20.5994, 19.8100



16.4297, 20.5994, 30.3521

Sweetspot

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



23.9191, 20.6003, 25.2701



52.7407, 52.6368, 59.3959



21.8181, 19.3211, 34.0322



11.4368, 11.3035, 12.8348



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



23.9191, 20.6003, 25.2701



41.0157, 33.5233, 42.1187



22.5968, 20.0714, 18.3071



6.7613, 6.6974, 7.5939



12.3902, 6.2607, 6.3059



0.2429, 0.1205, 0.2250

Inverse Universe

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



23.9191, 20.6003, 25.2701



41.0157, 33.5233, 42.1187



24.6999, 29.6884, 35.8814



6.7613, 6.6974, 7.5939



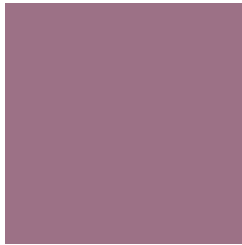
12.3902, 6.2607, 6.3059



0.2429, 0.1205, 0.2250

Previews

White Background



This preview shows how the XYZ color 23.9185, 20.5994, 25.2697 looks on a white background.

Color Contrast Check

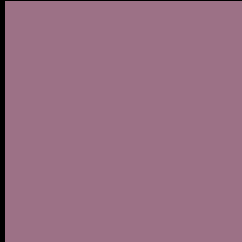
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9185, 20.5994, 25.2697 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 23.9185, 20.5994, 25.2697

Background



This preview shows how black text looks on a background with the XYZ color 23.9185, 20.5994, 25.2697.



This preview shows how white text looks on a background with the XYZ color 23.9185, 20.5994,

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

23.9185, 20.5994, 25.2697

Protanopia

20.3097, 20.8013, 28.1439

Deuteranopia

21.1161, 20.7359, 24.7193



Tritanopia

23.2864, 20.6853, 21.8341

Trichromacy



Original Color

23.9185, 20.5994, 25.2697

Protanomaly

21.4165, 20.6606, 26.9039

Deuteranomaly

22.1582, 20.7267, 25.0231

Tritanomaly

23.4312, 20.5617, 23.1559

Monochromacy



Original Color

23.9185, 20.5994, 25.2697

Achromatopsia

20.5175, 21.5861, 23.5072

Achromatomaly

21.5935, 21.1809, 24.0693

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.9185, 20.5994, 25.2697 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(156, 113, 134)` looks like.

```
.text, #text, p{  
    color:rgb(156, 113, 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(156, 113, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 113, 134) }
```

Border

The CSS property to change the border of an element to XYZ 23.9185, 20.5994, 25.2697 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(156, 113, 134) }
```


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

```
.border{ border-color:rgb(156, 113, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 113, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 113, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 113, 134);  
box-shadow:4px 4px 4px 4px rgb(156, 113,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 23.9185, 20.5994, 25.2697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 113, 134) }
```

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

```
.background{ background-color: rgb(156,  
113, 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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