

Converting Colors

XYZ(23.4544, 21.8077, 25.9617)

Have a look what the booklet for
XYZ(23.4544, 21.8077, 25.9617)
contains.

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Color

**XYZ(23.4233, 21.7199,
25.8795)**

Conversions

Conversions Part 1

Format	Color
Hex	947987
RGB	148, 121, 135
RGB Percent	58%, 47%, 53%
CMY	0.4196, 0.5255, 0.4706
CMYK	0.00, 0.18, 0.09, 0.42
HSL	329°, 11%, 53%
HSV	329°, 18%, 58%
XYZ	23.4233, 21.7199, 25.8795
YIQ	130.6690, 11.5980, 10.0780

Conversions

Conversions Part 2

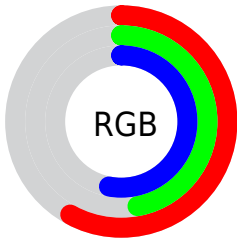
Format	Color
R_{YB}	148, 121, 135
Decimal	9730439
CIE _{Lab}	53.73, 12.92, -3.67
CIE _{LCh}	54, 13.434, 344.162
Yxy	21.7199, 0.3298, 0.3058
Android (android.graphics.Color)	4287920519 (0xFF947987)
YUV	130.6690, 2.1352, 15.1993
Hunter-Lab	46.6046, 8.1553, -0.3005

Details

The XYZ color **23.4233, 21.7199, 25.8795** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.7790, 26.9666, 26.5600**, and the grayscale version is **21.4457, 22.5625, 24.5706**.

A 20% lighter version of the original color is **48.3778, 46.0745, 53.9204**, and **8.8868, 7.8320, 9.6377** is the 20% darker color. If you saturate the color by 10%, you get **21.2759, 18.2012, 22.7705**, and if you desaturate by 10%, it is **25.8815, 25.8058, 29.2583**.

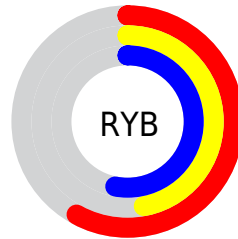
Distribution



Red (58%)

Green (47%)

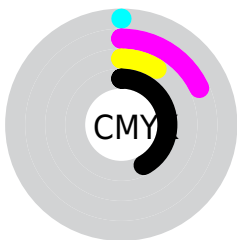
Blue (53%)



Red (58%)

Yellow (47%)

Blue (53%)

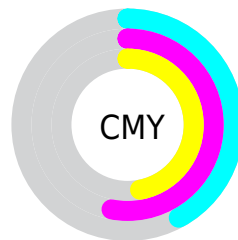


Cyan (0%)

Magenta (18%)

Yellow (9%)

Black (42%)



Cyan (42%)

Magenta (53%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.4233, 21.7199, 25.8795 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 23.4233, 21.7199, 25.8795 by changing the saturation by 10% instead.

■ 23.4233, 21.7199,
25.8795

■ 23.4233, 21.7199,
25.8795

262.3867,
261.0800, 295.7767

■ 15.0288, 13.6512,
16.5086

■ 48.5490, 46.2826,
54.0622

■ 8.9260, 7.8785,
9.7265

■ 66.0109, 63.5455,
73.7110

■ 4.7497, 4.0173,
5.1148

■ 87.2260, 84.6418,
97.6229

■ 2.1344, 1.6832,
2.2548

112.5597,
109.9561, 126.2163

■ 0.7078, 0.4128,
0.7058

142.3772,
139.8726, 159.9099

■ 0.0000, 0.0000,
0.0000

177.0440,

174.7759, 199.1221

216.9253,
215.0502, 244.2715

■ 23.4233, 21.7199,
25.8795

■ 23.4233, 21.7199,
25.8795

■ 21.2759, 18.2012,
22.7705

■ 25.8815, 25.8058,
29.2583

■ 19.4243, 15.2216,
19.9224

■ 28.6610, 30.4799,
32.9129

■ 17.8548, 12.7547,
17.3275

■ 31.7740, 35.7653,
36.8506

■ 16.5521, 10.7708,
14.9774

■ 35.2318, 41.6834,
41.0780

■ 15.4993, 9.2372,
12.8628

■ 39.0447, 48.2543,
45.6016

■ 14.6772, 8.1169,
10.9737

■ 43.2230, 55.4972,
50.4276

■ 14.0639, 7.3672,
9.2989

■ 47.7763, 63.4306,
55.5619

■ 13.6158, 6.9024,
7.8201

■ 52.7138, 72.0723,
61.0104

■ 13.5431, 6.8281,
7.5762

■ 58.0447, 81.4394,
66.7786

Harmonies

Analogous

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



22.6333, 21.7199, 29.8044



23.4233, 21.7199, 25.8795



23.4461, 21.7199, 21.7622

Triad

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



23.4233, 21.7199, 25.8795



19.9742, 21.7199, 16.7653



18.7213, 21.7199, 29.6136

Complementary

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



23.4233, 21.7199, 25.8795



22.7790, 26.9666, 26.5600

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.



18.0748, 21.7199, 25.6425



23.4233, 21.7199, 25.8795



18.7750, 21.7199, 18.4059

Square

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



23.4233, 21.7199, 25.8795



21.4088, 21.7199, 16.8130



18.0939, 21.7199, 21.5510



19.8978, 21.7199, 32.1253

Rectangle

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



23.4233, 21.7199, 25.8795



23.0203, 21.7199, 19.4711



18.0939, 21.7199, 21.5510



18.4373, 21.7199, 28.3862

Sweetspot

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



23.4239, 21.7209, 25.8800



47.1445, 48.0095, 53.5969



21.9514, 20.8494, 30.8847



10.6924, 10.8427, 12.1426



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.



23.4239, 21.7209, 25.8800



39.6736, 35.5990, 43.3032



22.5576, 21.3743, 21.3177



5.9188, 5.8626, 6.6786



11.5817, 5.8377, 6.5441



0.1567, 0.0774, 0.1585

Inverse Universe

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



23.4239, 21.7209, 25.8800



39.6736, 35.5990, 43.3032



23.7501, 27.3550, 31.6736



5.9188, 5.8626, 6.6786



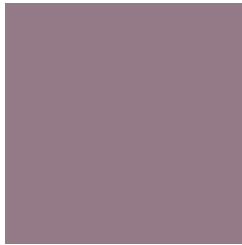
11.5817, 5.8377, 6.5441



0.1567, 0.0774, 0.1585

Previews

White Background



This preview shows how the XYZ color 23.4233, 21.7199, 25.8795 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 23.4233, 21.7199, 25.8795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

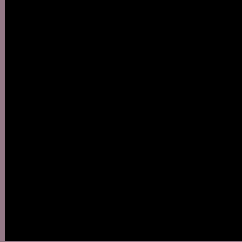
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 23.4233, 21.7199, 25.8795

Background



This preview shows how black text looks on a background with the XYZ color 23.4233, 21.7199, 25.8795.



This preview shows how white text looks on a background with the XYZ color 23.4233, 21.7199,

25.8795.

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

23.4233, 21.7199, 25.8795

Protanopia

21.2815, 21.8916, 27.5299

Deuteranopia

22.1179, 21.7917, 25.5947



Tritanopia

23.0889, 21.7608, 24.4561

Trichromacy



Original Color

23.4233, 21.7199, 25.8795

Protanomaly

21.9127, 21.6531, 27.0693

Deuteranomaly

22.6661, 21.8873, 25.5843

Tritanomaly

23.1570, 21.7881, 24.8148

Monochromacy



Original Color

23.4233, 21.7199, 25.8795

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.0708, 22.1631, 24.9444

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.4233, 21.7199, 25.8795 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(148, 121, 135)` looks like.

```
.text, #text, p{  
    color:rgb(148, 121, 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(148, 121, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 121, 135) }
```

Border

The CSS property to change the border of an element to XYZ 23.4233, 21.7199, 25.8795 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(148, 121, 135) }
```


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

```
.border{ border-color:rgb(148, 121, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 121, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 121, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 121, 135);  
box-shadow:4px 4px 4px 4px rgb(148, 121,  
135) }
```

Background

The CSS property to change the background color of an element to XYZ 23.4233, 21.7199, 25.8795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 121, 135) }
```

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

```
.background{ background-color: rgb(148,  
121, 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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