

Converting Colors

XYZ(23.3499, 22.9992, 25.7629)

Have a look what the booklet for
XYZ(23.3499, 22.9992, 25.7629)
contains.

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Color

**XYZ(23.3499, 22.9992,
25.7629)**

Conversions

Conversions Part 1

Format	Color
Hex	8F8086
RGB	143, 128, 134
RGB Percent	56%, 50%, 53%
CMY	0.4392, 0.4980, 0.4745
CMYK	0.00, 0.10, 0.06, 0.44
HSL	336°, 6%, 53%
HSV	336°, 10%, 56%
XYZ	23.3499, 22.9992, 25.7629
YIQ	133.1690, 7.0140, 5.0460

Conversions

Conversions Part 2

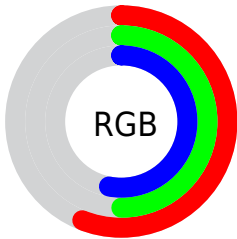
Format	Color
R_{YB}	143, 128, 134
Decimal	9404550
CIE Lab	55.07, 6.81, -1.16
CIE LCh	55, 6.906, 350.293
Yxy	22.9992, 0.3238, 0.3189
Android (android.graphics.Color)	4287594630 (0xFF8F8086)
YUV	133.1690, 0.4097, 8.6218
Hunter-Lab	47.9575, 2.9838, 1.7195

Details

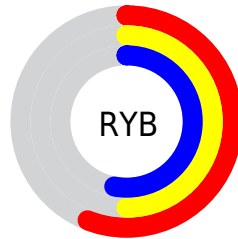
The XYZ color **23.3499, 22.9992, 25.7629** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.2407, 26.0408, 27.4695**, and the grayscale version is **22.3532, 23.5173, 25.6103**.

A 20% lighter version of the original color is **48.5195, 48.5059, 53.8190**, and **8.9104, 8.5592, 9.5700** is the 20% darker color. If you saturate the color by 10%, you get **21.0402, 19.2989, 22.1590**, and if you desaturate by 10%, it is **25.9723, 27.2467, 29.7112**.

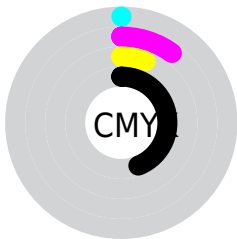
Distribution



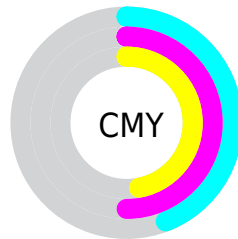
- Red (56%)
- Green (50%)
- Blue (53%)



- Red (56%)
- Yellow (50%)
- Blue (53%)



- Cyan (0%)
- Magenta (10%)
- Yellow (6%)
- Black (44%)



- Cyan (44%)
- Magenta (50%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.3499, 22.9992, 25.7629 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 23.3499, 22.9992, 25.7629 by changing the saturation by 10% instead.

■ 23.3499, 22.9992,
25.7629

■ 23.3499, 22.9992,
25.7629

262.0190,
267.7209, 295.1846

■ 14.9742, 14.5929,
16.4222

■ 48.4297, 48.3920,
53.8716

■ 8.8875, 8.5342,
9.6658

■ 65.8644, 66.1473,
73.4766

■ 4.7244, 4.4386,
5.0753

■ 87.0496, 87.7878,
97.3402

■ 2.1196, 1.9218,
2.2320

112.3506,
113.6978, 125.8808

■ 0.6998, 0.5614,
0.6927

142.1326,
144.2617, 159.5170

■ 0.0000, 0.0000,
0.0000

176.7611,

179.8639, 198.6673

216.6015,
220.8888, 243.7503

■ 23.3499, 22.9992,
25.7629

■ 23.3499, 22.9992,
25.7629

■ 21.0402, 19.2989,
22.1590

■ 25.9723, 27.2467,
29.7112

■ 19.0293, 16.1206,
18.8885

■ 28.9170, 32.0594,
34.0119

■ 17.3049, 13.4412,
15.9415

■ 32.1954, 37.4583,
38.6741

■ 15.8531, 11.2350,
13.3075

■ 35.8177, 43.4622,
43.7066

■ 14.6589, 9.4740,
10.9750

■ 39.7939, 50.0894,
49.1175

■ 13.7056, 8.1271,
8.9317

■ 44.1334, 57.3570,
54.9149

■ 12.9745, 7.1591,
7.1646

■ 48.8452, 65.2819,
61.1065

■ 12.4439, 6.5289,
5.6588

■ 53.9382, 73.8799,
67.6997

■ 12.0710, 6.1370,
4.4438

■ 58.8748, 82.0745,
74.5200

Harmonies

Analogous

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



23.0173, 22.9992, 27.8457



23.3499, 22.9992, 25.7629



23.2762, 22.9992, 23.6023

Triad

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



23.3499, 22.9992, 25.7629



21.3513, 22.9992, 21.2772



20.9291, 22.9992, 28.4428

Complementary

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



23.3499, 22.9992, 25.7629



23.2407, 26.0408, 27.4695

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.



20.5025, 22.9992, 26.5396



23.3499, 22.9992, 25.7629



20.7423, 22.9992, 22.4335

Square

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



23.3499, 22.9992, 25.7629



22.1103, 22.9992, 21.0964



20.4350, 22.9992, 24.3351



21.6117, 22.9992, 29.4517

Rectangle

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



23.3499, 22.9992, 25.7629



23.0072, 22.9992, 22.4027



20.4350, 22.9992, 24.3351



20.7517, 22.9992, 27.8814

Sweetspot

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



23.3506, 23.0002, 25.7634



45.2481, 46.7397, 51.3269



22.9944, 22.7410, 29.1643



10.2925, 10.5823, 11.6449



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



23.3506, 23.0002, 25.7634



40.6085, 39.2454, 44.2776



23.1410, 23.2317, 23.6878



5.4926, 5.4576, 6.0923



10.6828, 5.4301, 3.9810



0.1125, 0.0561, 0.0927

Inverse Universe

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



23.3506, 23.0002, 25.7634



40.6085, 39.2454, 44.2776



23.4595, 25.7704, 29.7245



5.4926, 5.4576, 6.0923



10.6828, 5.4301, 3.9810



0.1125, 0.0561, 0.0927

Previews

White Background



This preview shows how the XYZ color 23.3499, 22.9992, 25.7629 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 23.3499, 22.9992, 25.7629 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

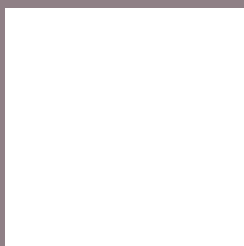
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 23.3499, 22.9992, 25.7629

Background



This preview shows how black text looks on a background with the XYZ color 23.3499, 22.9992, 25.7629.



This preview shows how white text looks on a background with the XYZ color 23.3499, 22.9992,

25.7629.

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

23.3499, 22.9992, 25.7629

Protanopia

22.2331, 22.9967, 26.5596

Deuteranopia

23.5238, 23.0889, 25.7710



Tritanopia

23.4324, 22.8245, 26.8375

Trichromacy



Original Color

23.3499, 22.9992, 25.7629

Protanomaly

22.6723, 23.0329, 26.1725

Deuteranomaly

23.5238, 23.0889, 25.7710

Tritanomaly

23.3610, 22.7960, 26.4614

Monochromacy



Original Color

23.3499, 22.9992, 25.7629

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

22.6665, 23.2444, 25.4823

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.3499, 22.9992, 25.7629 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(143, 128, 134)` looks like.

```
.text, #text, p{  
    color:rgb(143, 128, 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(143, 128, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 128, 134) }
```

Border

The CSS property to change the border of an element to XYZ 23.3499, 22.9992, 25.7629 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(143, 128, 134) }
```


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

```
.border{ border-color:rgb(143, 128, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 128, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 128, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 128, 134);  
box-shadow:4px 4px 4px 4px rgb(143, 128,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 23.3499, 22.9992, 25.7629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 128, 134) }
```

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

```
.background{ background-color: rgb(143,  
128, 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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