

Converting Colors

XYZ(23.4049, 21.4338, 25.3478)

Have a look what the booklet for
XYZ(23.4049, 21.4338, 25.3478)
contains.

XYZ(23.2943, 21.3044, 25.4387)	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(23.2943, 21.3044,
25.4387)**

Conversions

Conversions Part 1

Format	Color
Hex	957786
RGB	149, 119, 134
RGB Percent	58%, 47%, 53%
CMY	0.4157, 0.5333, 0.4745
CMYK	0.00, 0.20, 0.10, 0.42
HSL	330°, 12%, 53%
HSV	330°, 20%, 58%
XYZ	23.2943, 21.3044, 25.4387
YIQ	129.6800, 13.0650, 11.0250

Conversions

Conversions Part 2

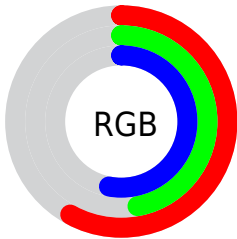
Format	Color
R_{YB}	149, 119, 134
Decimal	9795462
CIE _{Lab}	53.28, 14.28, -3.73
CIE _{LCh}	53, 14.755, 345.356
Yxy	21.3044, 0.3326, 0.3042
Android (android.graphics.Color)	4287985542 (0xFF957786)
YUV	129.6800, 2.1298, 16.9436
Hunter-Lab	46.1567, 9.3109, -0.3673

Details

The XYZ color **23.2943, 21.3044, 25.4387** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.6591, 27.1386, 26.5994**, and the grayscale version is **21.0951, 22.1937, 24.1689**.

A 20% lighter version of the original color is **48.1612, 45.4102, 53.2404**, and **8.8274, 7.6171, 9.3925** is the 20% darker color. If you saturate the color by 10%, you get **21.1568, 17.8317, 22.2521**, and if you desaturate by 10%, it is **25.7477, 25.3497, 28.9117**.

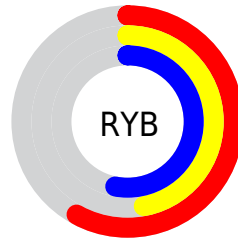
Distribution



Red (58%)

Green (47%)

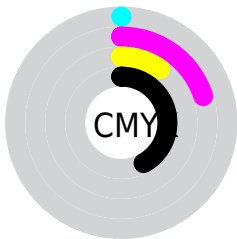
Blue (53%)



Red (58%)

Yellow (47%)

Blue (53%)

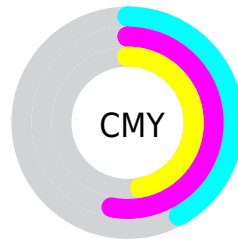


Cyan (0%)

Magenta (20%)

Yellow (10%)

Black (42%)



Cyan (42%)

Magenta (53%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 23.2943, 21.3044, 25.4387 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 23.2943, 21.3044, 25.4387 by changing the saturation by 10% instead.

■ 23.2943, 21.3044,
25.4387

■ 23.2943, 21.3044,
25.4387

261.7402,
258.8918, 293.5330

■ 14.9329, 13.3467,
16.1822

■ 48.3392, 45.5936,
53.3410

■ 8.8583, 7.6677,
9.4974

■ 65.7534, 62.6939,
72.8238

■ 4.7052, 3.8831,
4.9658

■ 86.9159, 83.6104,
96.5525

■ 2.1083, 1.6084,
2.1688

112.1920,
108.7277, 124.9456

■ 0.6937, 0.3632,
0.6563

141.9472,
138.4301, 158.4217

■ 0.0000, 0.0000,
0.0000

176.5467,

173.1020, 197.3993

216.3559,
213.1278, 242.2968

■ 23.2943, 21.3044,
25.4387

■ 23.2943, 21.3044,
25.4387

■ 21.1568, 17.8317,
22.2521

■ 25.7477, 25.3497,
28.9117

■ 19.3196, 14.9026,
19.3424

■ 28.5279, 29.9892,
32.6777

■ 17.7687, 12.4898,
16.7013

■ 31.6477, 35.2469,
36.7446

■ 16.4881, 10.5627,
14.3194

■ 35.1184, 41.1444,
41.1196

■ 15.4600, 9.0871,
12.1869

■ 38.9510, 47.7026,
45.8097

■ 14.6645, 8.0245,
10.2928

■ 43.1558, 54.9413,
50.8215

■ 14.0784, 7.3298,
8.6249

■ 47.7429, 62.8793,
56.1615

■ 13.6473, 6.8907,
7.1770

■ 52.7219, 71.5349,
61.8359

■ 58.1019, 80.9256,
67.8510

Harmonies

Analogous

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



22.4607, 21.3044, 29.7770



23.2943, 21.3044, 25.4387



23.2837, 21.3044, 20.9941

Triad

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



23.2943, 21.3044, 25.4387



19.4647, 21.3044, 15.8557



18.2124, 21.3044, 29.8663

Complementary

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



23.2943, 21.3044, 25.4387



22.6591, 27.1386, 26.5994

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.



17.4905, 21.3044, 25.5486



23.2943, 21.3044, 25.4387



18.1878, 21.3044, 17.6654

Square

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



23.2943, 21.3044, 25.4387



21.0175, 21.3044, 15.8342



17.4817, 21.3044, 21.0908



19.4998, 21.3044, 32.5475

Rectangle

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



23.2943, 21.3044, 25.4387



22.7972, 21.3044, 18.5697



17.4817, 21.3044, 21.0908



17.8985, 21.3044, 28.5352

Sweetspot

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



23.2949, 21.3053, 25.4391



48.0356, 48.5995, 54.4177



21.8539, 20.4329, 31.2261



10.5835, 10.6673, 11.9755



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.



23.2949, 21.3053, 25.4391



39.9825, 35.3229, 43.0104



22.3218, 20.9161, 20.3146



5.9145, 5.8609, 6.6557



11.5010, 5.8055, 6.1194



0.1556, 0.0770, 0.1531

Inverse Universe

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



23.2949, 21.3053, 25.4391



39.9825, 35.3229, 43.0104



23.7806, 27.5872, 32.5055



5.9145, 5.8609, 6.6557



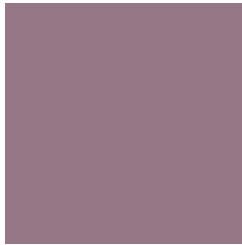
11.5010, 5.8055, 6.1194



0.1556, 0.0770, 0.1531

Previews

White Background



This preview shows how the XYZ color 23.2943, 21.3044, 25.4387 looks on a white background.

Color Contrast Check

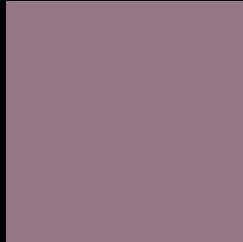
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.2943, 21.3044, 25.4387 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 23.2943, 21.3044, 25.4387

Background



This preview shows how black text looks on a background with the XYZ color 23.2943, 21.3044, 25.4387.



This preview shows how white text looks on a background with the XYZ color 23.2943, 21.3044,

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

23.2943, 21.3044, 25.4387

Protanopia

20.8538, 21.4784, 27.4727

Deuteranopia

21.7578, 21.4271, 25.1794



Tritanopia

22.8917, 21.3138, 23.6763

Trichromacy



Original Color

23.2943, 21.3044, 25.4387

Protanomaly

21.5545, 21.2898, 26.6402

Deuteranomaly

22.1777, 21.2752, 25.1279

Tritanomaly

23.0259, 21.3675, 24.3835

Monochromacy



Original Color

23.2943, 21.3044, 25.4387

Achromatopsia

21.2178, 22.3228, 24.3095

Achromatomaly

21.8741, 21.8788, 24.5429

CSS Examples

Text

The CSS property to change the color of the text to XYZ 23.2943, 21.3044, 25.4387 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, 119, 134)` looks like.

```
.text, #text, p{  
    color:rgb(149, 119, 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(149, 119, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 119, 134) }
```

Border

The CSS property to change the border of an element to XYZ 23.2943, 21.3044, 25.4387 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, 119, 134) }
```


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

```
.border{ border-color:rgb(149, 119, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 119, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 119, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 119, 134);  
box-shadow:4px 4px 4px 4px rgb(149, 119,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 23.2943, 21.3044, 25.4387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 119, 134) }
```

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

```
.background{ background-color: rgb(149,  
119, 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](#).

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