

Converting Colors

XYZ(24.3994, 25.0568, 23.3111)

Have a look what the booklet for
XYZ(24.3994, 25.0568, 23.3111)
contains.

XYZ(24.2839, 24.9453, 23.2737)	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(24.2839, 24.9453,
23.2737)**

Conversions

Conversions Part 1

Format	Color
Hex	92877E
RGB	146, 135, 126
RGB Percent	57%, 53%, 49%
CMY	0.4274, 0.4706, 0.5059
CMYK	0.00, 0.08, 0.14, 0.43
HSL	27°, 8%, 53%
HSV	27°, 14%, 57%
XYZ	24.2839, 24.9453, 23.2737
YIQ	137.2630, 9.4450, -0.4670

Conversions

Conversions Part 2

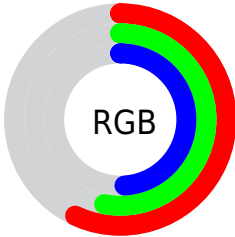
Format	Color
R_{YB}	146, 142, 126
Decimal	9602942
CIE _{Lab}	57.02, 2.52, 6.32
CIE _{LCh}	57, 6.802, 68.253
Yxy	24.9453, 0.3349, 0.3441
Android (android.graphics.Color)	4287793022 (0xFF92877E)
YUV	137.2630, -5.5527, 7.6623
Hunter-Lab	49.9453, -0.6157, 7.3335

Details

The XYZ color **24.2839, 24.9453, 23.2737** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.7380, 24.4017, 30.7058**, and the grayscale version is **23.8958, 25.1402, 27.3777**.

A 20% lighter version of the original color is **49.9393, 51.5005, 49.9563**, and **9.3074, 9.4657, 8.3577** is the 20% darker color. If you saturate the color by 10%, you get **22.3318, 22.4401, 18.3093**, and if you desaturate by 10%, it is **26.4594, 27.6767, 28.9915**.

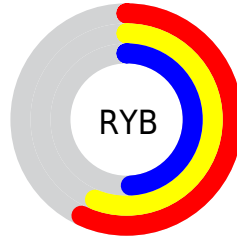
Distribution



Red (57%)

Green (53%)

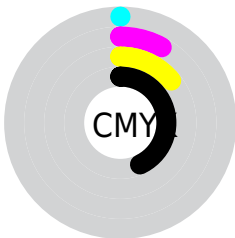
Blue (49%)



Red (57%)

Yellow (56%)

Blue (49%)

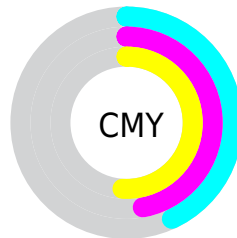


Cyan (0%)

Magenta (8%)

Yellow (14%)

Black (43%)



Cyan (43%)

Magenta (47%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2839, 24.9453, 23.2737 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 24.2839, 24.9453, 23.2737 by changing the saturation by 10% instead.

■ 24.2839, 24.9453,
23.2737

■ 24.2839, 24.9453,
23.2737

266.6666,
277.5654, 282.2950

■ 15.6702, 16.0363,
14.5885

■ 49.9444, 51.5685,
49.7712

■ 9.3805, 9.5498,
8.3877

■ 67.7219, 70.0514,
68.4207

■ 5.0493, 5.1015,
4.2527

■ 89.2848, 92.4945,
91.2286

■ 2.3112, 2.3070,
1.7650

114.9984,
119.2821, 118.6137

■ 0.8004, 0.7774,
0.4047

145.2280,
150.7986, 150.9943

■ 0.0000, 0.0000,
0.0000

180.3390,

187.4284, 188.7890

220.6967,
229.5559, 232.4164

■ 24.2839, 24.9453,
23.2737

■ 24.2839, 24.9453,
23.2737

■ 22.3318, 22.4401,
18.3093

■ 26.4594, 27.6767,
28.9915

■ 20.5932, 20.1517,
14.0650

■ 28.8636, 30.6367,
35.4912

■ 19.0605, 18.0748,
10.5070

■ 31.5042, 33.8321,
42.8015

■ 17.7249, 16.2026,
7.5984

■ 34.3878, 37.2682,
50.9493

■ 16.5768, 14.5281,
5.2988

■ 37.5208, 40.9502,
59.9602

■ 15.6055, 13.0436,
3.5630

■ 40.9095, 44.8831,
69.8588

■ 14.7992, 11.7406,
2.3395

■ 44.5598, 49.0719,
80.6687

■ 14.1439, 10.6099,
1.5667

■ 48.4773, 53.5211,
92.4124

■ 13.7861, 9.9751,
1.1988

■ 52.2785, 58.0799,
103.0629

Harmonies

Analogous

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



24.9376, 24.9453, 24.5255



24.2839, 24.9453, 23.2737



23.4898, 24.9453, 23.0330

Triad

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



24.2839, 24.9453, 23.2737



22.2207, 24.9453, 27.7981



24.6743, 24.9453, 30.7673

Complementary

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



24.2839, 24.9453, 23.2737



22.7380, 24.4017, 30.7058

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.



23.9311, 24.9453, 31.7553



24.2839, 24.9453, 23.2737



22.5229, 24.9453, 29.9792

Square

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



24.2839, 24.9453, 23.2737



22.3104, 24.9453, 25.5624



23.1447, 24.9453, 31.4591



25.1665, 24.9453, 28.8253

Rectangle

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



24.2839, 24.9453, 23.2737



22.9895, 24.9453, 23.4647



23.1447, 24.9453, 31.4591



24.4449, 24.9453, 31.2268

Sweetspot

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



24.2846, 24.9464, 23.2742



46.5229, 48.6328, 50.7329



23.8305, 22.8392, 26.8196



10.2880, 10.7423, 11.1223



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.



24.2846, 24.9464, 23.2742



41.8987, 42.8094, 38.6322



25.7455, 27.8683, 23.7612



6.0029, 6.2196, 6.1246



12.1535, 8.8214, 1.0621



0.1775, 0.1655, 0.0226

Inverse Universe

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



22.7380, 24.4017, 30.7058



38.7047, 41.6842, 53.9795



21.3822, 21.6900, 30.2539



5.7479, 6.1298, 7.3500



7.1305, 6.9559, 24.8978



0.1168, 0.1441, 0.3146

Previews

White Background



This preview shows how the XYZ color 24.2839, 24.9453, 23.2737 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 24.2839, 24.9453, 23.2737 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

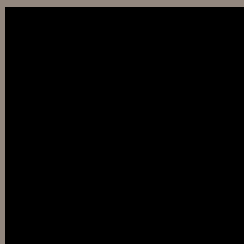
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

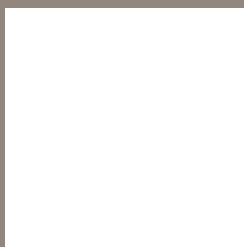
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.2839, 24.9453, 23.2737

Background



This preview shows how black text looks on a background with the XYZ color 24.2839, 24.9453, 23.2737.



This preview shows how white text looks on a background with the XYZ color 24.2839, 24.9453,

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

24.2839, 24.9453, 23.2737

Protanopia

23.7903, 24.8914, 23.6293

Deuteranopia

25.4085, 24.9049, 23.5466



Tritanopia

25.4219, 24.7816, 29.4300

Trichromacy



Original Color

24.2839, 24.9453, 23.2737

Protanomaly

23.9626, 24.9803, 23.6374

Deuteranomaly

24.9808, 24.8867, 23.5657

Tritanomaly

24.9355, 24.7842, 27.1365

Monochromacy



Original Color

24.2839, 24.9453, 23.2737

Achromatopsia

23.7775, 25.0158, 27.2422

Achromatomaly

23.8530, 24.8772, 25.7349

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2839, 24.9453, 23.2737 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(146, 135, 126)` looks like.

```
.text, #text, p{  
    color:rgb(146, 135, 126)  
}
```

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(146, 135, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 135, 126) }
```

Border

The CSS property to change the border of an element to XYZ 24.2839, 24.9453, 23.2737 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(146, 135, 126) }
```


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

```
.border{ border-color:rgb(146, 135, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 135, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(146, 135, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(146, 135, 126);  
box-shadow:4px 4px 4px 4px rgb(146, 135,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2839, 24.9453, 23.2737 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 135, 126) }
```

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

```
.background{ background-color: rgb(146,  
135, 126) }
```

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