

Converting Colors

XYZ(25.5807, 29.1503, 23.3494)

Have a look what the booklet for
XYZ(25.5807, 29.1503, 23.3494)
contains.

XYZ(25.6892, 29.2512, 23.3609)	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(25.6892, 29.2512,
23.3609)**

Conversions

Conversions Part 1

Format	Color
Hex	8D977C
RGB	141, 151, 124
RGB Percent	55%, 59%, 49%
CMY	0.4471, 0.4078, 0.5137
CMYK	0.07, 0.00, 0.18, 0.41
HSL	82°, 11%, 54%
HSV	82°, 18%, 59%
XYZ	25.6892, 29.2512, 23.3609
YIQ	144.9320, 2.7070, -10.5170

Conversions

Conversions Part 2

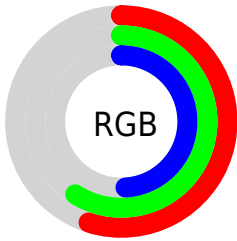
Format	Color
RYB	124, 151, 134
Decimal	9279356
CIELab	61.00, -8.63, 13.03
CIELCh	61, 15.632, 123.518
Yxy	29.2512, 0.3281, 0.3736
Android (android.graphics.Color)	4287469436 (0xFF8D977C)
YUV	144.9320, -10.3195, -3.4484
Hunter-Lab	54.0844, -9.8631, 12.2497

Details

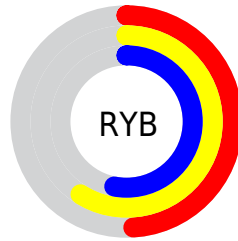
The XYZ color **25.6892, 29.2512, 23.3609** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.6263, 21.7189, 32.2794**, and the grayscale version is **26.9265, 28.3288, 30.8500**.

A 20% lighter version of the original color is **52.2728, 58.4391, 50.1198**, and **10.1416, 11.8465, 8.4087** is the 20% darker color. If you saturate the color by 10%, you get **23.8794, 28.4211, 18.6673**, and if you desaturate by 10%, it is **27.6949, 30.1671, 28.8283**.

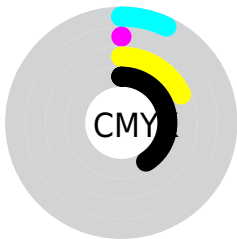
Distribution



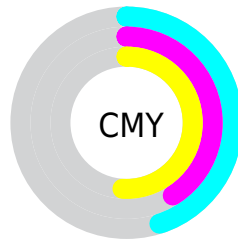
- Red (55%)
- Green (59%)
- Blue (49%)



- Red (49%)
- Yellow (59%)
- Blue (53%)



- Cyan (7%)
- Magenta (0%)
- Yellow (18%)
- Black (41%)



- Cyan (45%)
- Magenta (41%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6892, 29.2512, 23.3609 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 25.6892, 29.2512, 23.3609 by changing the saturation by 10% instead.

■ 25.6892, 29.2512,
23.3609

■ 25.6892, 29.2512,
23.3609

273.5378,
298.3983, 282.7550

■ 16.7227, 19.2709,
14.6524

■ 52.2080, 58.4760,
49.9159

■ 10.1311, 11.8662,
8.4319

■ 70.4911, 78.4892,
68.5996

■ 5.5489, 6.6526,
4.2808

■ 92.6103, 102.6156,
91.4453

■ 2.6108, 3.2458,
1.7806

118.9312,
131.2396, 118.8718

■ 0.9515, 1.2614,
0.4151

149.8191,
164.7454, 151.2974

■ 0.0000, 0.1110,
0.0000

185.6392,

■ 0.0000, 0.0000,

203.5175, 189.1408

0.0000

226.7570,
247.9404, 232.8205

■ 25.6892, 29.2512,
23.3609

■ 25.6892, 29.2512,
23.3609

■ 23.8794, 28.4211,
18.6673

■ 27.6949, 30.1671,
28.8283

■ 22.2558, 27.6700,
14.7107

■ 29.9011, 31.1679,
35.1003

■ 20.8113, 26.9960,
11.4539

■ 32.3150, 32.2575,
42.2083

■ 19.5375, 26.3955,
8.8561

■ 34.9428, 33.4384,
50.1817

■ 18.4250, 25.8647,
6.8719

■ 37.7906, 34.7132,
59.0483

■ 17.4633, 25.3994,
5.4505

■ 40.8638, 36.0841,
68.8345

■ 16.6404, 24.9946,
4.5326

■ 44.1681, 37.5534,
79.5658

■ 15.9347, 24.6417,
4.0083

■ 47.7087, 39.1233,
91.2668

■ 15.7930, 24.5707,
3.9102

■ 50.6906, 40.4759,
99.7487

Harmonies

Analogous

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



27.5621, 29.2512, 21.8887



25.6892, 29.2512, 23.3609



24.4325, 29.2512, 27.0918

Triad

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



25.6892, 29.2512, 23.3609



26.0873, 29.2512, 43.0176



31.9103, 29.2512, 31.1643

Complementary

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



25.6892, 29.2512, 23.3609



22.6263, 21.7189, 32.2794

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.



31.4687, 29.2512, 37.1342



25.6892, 29.2512, 23.3609



28.0441, 29.2512, 44.4496

Square

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



25.6892, 29.2512, 23.3609



24.6543, 29.2512, 38.4744



30.0284, 29.2512, 42.1796



31.2076, 29.2512, 26.0326

Rectangle

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



25.6892, 29.2512, 23.3609



24.0791, 29.2512, 30.5963



30.0284, 29.2512, 42.1796



31.8909, 29.2512, 33.1366

Sweetspot

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



25.6900, 29.2525, 23.3615



50.6578, 54.5056, 54.6024



24.9130, 25.0581, 22.5929



11.4572, 12.3626, 12.2508



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



25.6900, 29.2525, 23.3615



44.8187, 51.8412, 38.7058



23.5477, 28.1481, 23.2613



6.4869, 7.1085, 6.6360



13.4669, 20.9183, 3.3279



0.2412, 0.3333, 0.0516

Inverse Universe

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



22.6263, 21.7189, 32.2794



38.4069, 36.0728, 57.3721



24.8992, 22.8906, 32.3858



6.0899, 6.1322, 7.7916



6.1661, 2.6298, 25.0903



0.1302, 0.0589, 0.3769

Previews

White Background



This preview shows how the XYZ color 25.6892, 29.2512, 23.3609 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 25.6892, 29.2512, 23.3609 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 25.6892, 29.2512, 23.3609

Background



This preview shows how black text looks on a background with the XYZ color 25.6892, 29.2512, 23.3609.



This preview shows how white text looks on a background with the XYZ color 25.6892, 29.2512,

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

25.6892, 29.2512, 23.3609

Protanopia

27.4641, 29.2411, 22.6089

Deuteranopia

29.8011, 29.2874, 23.8210



Tritanopia

28.3045, 29.1374, 36.4800

Trichromacy



Original Color

25.6892, 29.2512, 23.3609

Protanomaly

26.7427, 29.0939, 22.9451

Deuteranomaly

28.1251, 29.1024, 23.5370

Tritanomaly

27.2798, 29.1844, 31.3895

Monochromacy



Original Color

25.6892, 29.2512, 23.3609

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.4507, 28.6029, 27.7937

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6892, 29.2512, 23.3609 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(141, 151, 124)` looks like.

```
.text, #text, p{  
    color:rgb(141, 151, 124)  
}
```

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(141, 151, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 151, 124) }
```

Border

The CSS property to change the border of an element to XYZ 25.6892, 29.2512, 23.3609 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(141, 151, 124) }
```


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

```
.border{ border-color:rgb(141, 151, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 151, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 151, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 151, 124);  
box-shadow:4px 4px 4px 4px rgb(141, 151,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6892, 29.2512, 23.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 151, 124) }
```

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

```
.background{ background-color: rgb(141,  
151, 124) }
```

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