

Converting Colors

XYZ(29.0563, 28.4893, 42.4956)

Have a look what the booklet for
XYZ(29.0563, 28.4893, 42.4956)
contains.

XYZ(29.0563, 28.4893, 42.4956)	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(29.0563, 28.4893,
42.4956)**

Conversions

Conversions Part 1

Format	Color
Hex	938EAB
RGB	147, 142, 171
RGB Percent	58%, 56%, 67%
CMY	0.4235, 0.4431, 0.3294
CMYK	0.14, 0.17, 0.00, 0.33
HSL	250°, 15%, 61%
HSV	250°, 17%, 67%
XYZ	29.0563, 28.4893, 42.4956
YIQ	146.8010, -6.3290, 10.0790

Conversions

Conversions Part 2

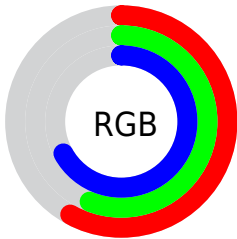
Format	Color
R_{YB}	147, 142, 171
Decimal	9670315
CIE Lab	60.33, 7.82, -14.56
CIE LCh	60, 16.527, 298.254
Yxy	28.4893, 0.2904, 0.2848
Android (android.graphics.Color)	4287860395 (0xFF938EAB)
YUV	146.8010, 11.9301, 0.1745
Hunter-Lab	53.3754, 3.7643, -9.8419

Details

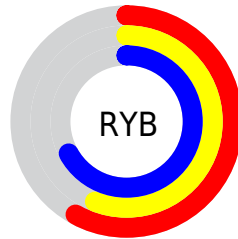
The XYZ color **29.0563, 28.4893, 42.4956** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.1722, 39.1865, 31.3025**, and the grayscale version is **27.6059, 29.0435, 31.6284**.

A 20% lighter version of the original color is **57.5548, 57.3883, 79.9951**, and **11.9808, 11.4730, 19.0358** is the 20% darker color. If you saturate the color by 10%, you get **24.3212, 22.5573, 41.6006**, and if you desaturate by 10%, it is **34.4957, 35.3652, 43.5366**.

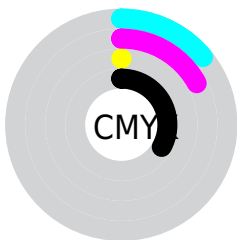
Distribution



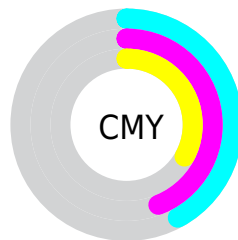
- Red (58%)
- Green (56%)
- Blue (67%)



- Red (58%)
- Yellow (56%)
- Blue (67%)



- Cyan (14%)
- Magenta (17%)
- Yellow (0%)
- Black (33%)



- Cyan (42%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.0563, 28.4893, 42.4956 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 29.0563, 28.4893, 42.4956 by changing the saturation by 10% instead.

■ 29.0563, 28.4893,
42.4956

■ 29.0563, 28.4893,
42.4956

289.4699,
294.7976, 372.3934

■ 19.2679, 18.6948,
29.1611

■ 57.5635, 57.2647,
80.2273

■ 11.9692, 11.4500,
18.9561

■ 77.0129, 77.0144,
105.4616

■ 6.7947, 6.3704,
11.4621

■ 100.4135,
100.8513, 135.4996

■ 3.3793, 3.0716,
6.2605

128.1305,
129.1598, 170.7597

■ 1.3573, 1.1692,
2.9328

160.5293,
162.3243, 211.6607

■ 0.2255, 0.0363,
1.0604

197.9752,

■ 0.0000, 0.0000,

200.7292, 258.6209

0.0000

240.8336,
244.7588, 312.0589

■ 29.0563, 28.4893,
42.4956

■ 29.0563, 28.4893,
42.4956

■ 24.3212, 22.5573,
41.6006

■ 34.4957, 35.3652,
43.5366

■ 20.2588, 17.5245,
40.8433

■ 40.6641, 43.2203,
44.7276

■ 16.8388, 13.3475,
40.2173

■ 47.5883, 52.0922,
46.0751

■ 14.0278, 9.9784,
39.7152

■ 55.2927, 62.0156,
47.5845

■ 11.7890, 7.3640,
39.3285

■ 63.8008, 73.0235,
49.2608

■ 10.0816, 5.4449,
39.0481

■ 73.1351, 85.1475,
51.1090

■ 8.8593, 4.1525,
38.8631

■ 81.1411, 94.0657,
52.4084

■ 8.0597, 3.3896,
38.7580

■ 84.3508, 95.7203,
52.5586

■ 7.8710, 3.2085,
38.7330

Harmonies

Analogous

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



26.9541, 28.4893, 44.2295



29.0563, 28.4893, 42.4956



30.6989, 28.4893, 37.5846

Triad

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



29.0563, 28.4893, 42.4956



29.2826, 28.4893, 22.1050



23.2007, 28.4893, 30.6652

Complementary

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



29.0563, 28.4893, 42.4956



35.1722, 39.1865, 31.3025

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.



23.7541, 28.4893, 25.2681



29.0563, 28.4893, 42.4956



27.2028, 28.4893, 20.7433

Square

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



29.0563, 28.4893, 42.4956



30.8343, 28.4893, 25.8099



25.1920, 28.4893, 21.8221



23.6403, 28.4893, 36.8879

Rectangle

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



29.0563, 28.4893, 42.4956



31.2733, 28.4893, 33.4606



25.1920, 28.4893, 21.8221



23.2761, 28.4893, 28.7011

Sweetspot

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



29.0572, 28.4905, 42.4962



63.7436, 65.8308, 78.3488



32.1734, 36.0249, 43.7863



14.0540, 14.4759, 17.4411



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



29.0572, 28.4905, 42.4962



49.0204, 47.2304, 75.5346



31.7898, 29.8992, 42.6241



7.7028, 7.8211, 10.0563



5.9656, 2.4353, 29.2001



0.2037, 0.0872, 0.8141

Inverse Universe

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



33.3514, 30.7583, 40.2567



58.0588, 52.0055, 70.7316



32.3329, 37.7227, 31.1696



8.2769, 8.1240, 9.7691



16.3315, 7.9951, 19.9230



0.4697, 0.2286, 0.6352

Previews

White Background



This preview shows how the XYZ color 29.0563, 28.4893, 42.4956 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 29.0563, 28.4893, 42.4956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

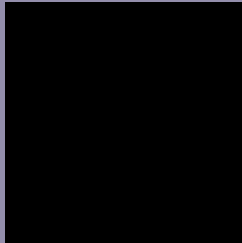
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 29.0563, 28.4893, 42.4956

Background



This preview shows how black text looks on a background with the XYZ color 29.0563, 28.4893, 42.4956.



This preview shows how white text looks on a background with the XYZ color 29.0563, 28.4893,

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

29.0563, 28.4893, 42.4956

Protanopia

28.2349, 28.5005, 43.0427

Deuteranopia

29.0563, 28.4893, 42.4956



Tritanopia

27.6277, 28.5804, 35.5129

Trichromacy



Original Color

29.0563, 28.4893, 42.4956

Protanomaly

28.5965, 28.4631, 43.0165

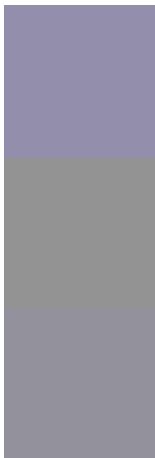
Deuteranomaly

29.0563, 28.4893, 42.4956

Tritanomaly

28.0833, 28.5395, 37.7467

Monochromacy



Original Color

29.0563, 28.4893, 42.4956

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

28.1588, 28.8541, 35.5378

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.0563, 28.4893, 42.4956 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(147, 142, 171)` looks like.

```
.text, #text, p{  
    color:rgb(147, 142, 171)  
}
```

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(147, 142, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 142, 171) }
```

Border

The CSS property to change the border of an element to XYZ 29.0563, 28.4893, 42.4956 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(147, 142, 171) }
```


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

```
.border{ border-color:rgb(147, 142, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 142, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 142, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 142, 171);  
box-shadow:4px 4px 4px 4px rgb(147, 142,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 29.0563, 28.4893, 42.4956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 142, 171) }
```

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

```
.background{ background-color: rgb(147,  
142, 171) }
```

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