

Converting Colors

XYZ(28.6593, 27.3757, 43.3544)

Have a look what the booklet for
XYZ(28.6593, 27.3757, 43.3544)
contains.

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Color

**XYZ(28.6639, 27.3971,
43.3126)**

Conversions

Conversions Part 1

Format	Color
Hex	938AAD
RGB	147, 138, 173
RGB Percent	58%, 54%, 68%
CMY	0.4235, 0.4588, 0.3216
CMYK	0.15, 0.20, 0.00, 0.32
HSL	255°, 18%, 61%
HSV	255°, 20%, 68%
XYZ	28.6639, 27.3971, 43.3126
YIQ	144.6810, -5.8710, 12.7930

Conversions

Conversions Part 2

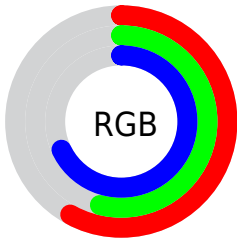
Format	Color
RYB	147, 138, 173
Decimal	9669293
CIELab	59.34, 10.56, -17.19
CIElCh	59, 20.177, 301.558
Yxy	27.3971, 0.2884, 0.2757
Android (android.graphics.Color)	4287859373 (0xFF938AAD)
YUV	144.6810, 13.9613, 2.0338
Hunter-Lab	52.3422, 6.1521, -12.4222

Details

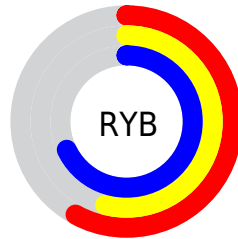
The XYZ color **28.6639, 27.3971, 43.3126** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **34.8418, 39.6153, 29.8561**, and the grayscale version is **26.7319, 28.1240, 30.6270**.

A 20% lighter version of the original color is **56.7218, 55.2805, 81.0794**, and **11.7648, 10.8467, 19.5627** is the 20% darker color. If you saturate the color by 10%, you get **24.1996, 21.7005, 42.4488**, and if you desaturate by 10%, it is **33.7827, 34.0194, 44.3215**.

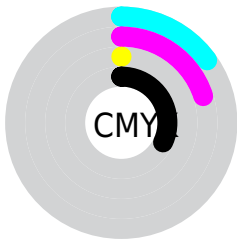
Distribution



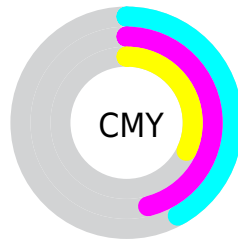
- Red (58%)
- Green (54%)
- Blue (68%)



- Red (58%)
- Yellow (54%)
- Blue (68%)



- Cyan (15%)
- Magenta (20%)
- Yellow (0%)
- Black (32%)



- Cyan (42%)
- Magenta (46%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6639, 27.3971, 43.3126 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 28.6639, 27.3971, 43.3126 by changing the saturation by 10% instead.

■ 28.6639, 27.3971,
43.3126

■ 28.6639, 27.3971,
43.3126

287.6487,
289.5747, 375.8547

■ 18.9697, 17.8717,
29.7972

■ 56.9439, 55.5204,
81.4738

■ 11.7523, 10.8579,
19.4340

■ 76.2605, 74.8871,
106.9567

■ 6.6462, 5.9714,
11.8043

■ 99.5152, 98.3031,
137.2659

■ 3.2862, 2.8277,
6.4897

127.0734,
126.1526, 172.8199

■ 1.3069, 1.0424,
3.0715

159.3005,
158.8201, 214.0372

■ 0.1883, 0.0000,
1.1312

196.5619,

■ 0.0000, 0.0000,

196.6900, 261.3364

0.0000

239.2228,
240.1468, 315.1361

■ 28.6639, 27.3971,
43.3126

■ 28.6639, 27.3971,
43.3126

■ 24.1996, 21.7005,
42.4488

■ 33.7827, 34.0194,
44.3215

■ 20.3603, 16.8845,
41.7216

■ 39.5791, 41.6031,
45.4798

■ 17.1176, 12.9053,
41.1244

■ 46.0779, 50.1861,
46.7939

■ 14.4401, 9.7140,
40.6495

■ 53.3019, 59.8030,
48.2694

■ 12.2933, 7.2563,
40.2883

■ 61.2731, 70.4872,
49.9116

■ 10.6386, 5.4708,
40.0309

■ 70.0124, 82.2701,
51.7253

■ 9.4313, 4.2860,
39.8658

■ 78.2165, 92.5358,
53.2744

■ 8.6024, 3.5633,
39.7700

■ 82.6619, 94.8275,
53.4824

■ 84.5429, 95.7972,
53.5704

Harmonies

Analogous

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



26.1723, 27.3971, 45.9956



28.6639, 27.3971, 43.3126



30.5454, 27.3971, 36.9530

Triad

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



28.6639, 27.3971, 43.3126



28.4209, 27.3971, 19.2013



21.4833, 27.3971, 30.2104

Complementary

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



28.6639, 27.3971, 43.3126



34.8418, 39.6153, 29.8561

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.



22.0011, 27.3971, 23.6881



28.6639, 27.3971, 43.3126



25.9083, 27.3971, 17.9811

Square

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



28.6639, 27.3971, 43.3126



30.3988, 27.3971, 23.1310



23.5816, 27.3971, 19.4845



22.1193, 27.3971, 37.7134

Rectangle

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



28.6639, 27.3971, 43.3126



31.1424, 27.3971, 31.9183



23.5816, 27.3971, 19.4845



21.5280, 27.3971, 27.8363

Sweetspot

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



28.6648, 27.3982, 43.3132



64.6350, 66.3164, 80.1995



31.3452, 35.0617, 44.6511



13.9084, 14.2313, 17.4016



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.



28.6648, 27.3982, 43.3132



47.8468, 44.5961, 76.8919



31.9937, 29.1143, 43.4690



7.7648, 7.8530, 10.0592



6.3661, 2.6417, 29.2189



0.2280, 0.0997, 0.8152

Inverse Universe

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



33.0238, 29.7426, 39.1235



57.0434, 49.5459, 67.8914



31.5197, 37.9028, 29.7007



8.2478, 8.1124, 9.6157



15.5723, 7.6915, 15.9253



0.4538, 0.2222, 0.5513

Previews

White Background



This preview shows how the XYZ color 28.6639, 27.3971, 43.3126 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 28.6639, 27.3971, 43.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

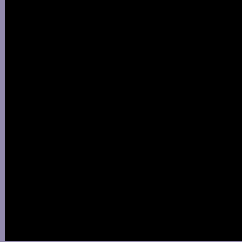
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.6639, 27.3971, 43.3126

Background



This preview shows how black text looks on a background with the XYZ color 28.6639, 27.3971, 43.3126.



This preview shows how white text looks on a background with the XYZ color 28.6639, 27.3971,

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

28.6639, 27.3971, 43.3126

Protanopia

27.2544, 27.2958, 44.3896

Deuteranopia

28.0762, 27.5241, 43.3681



Tritanopia

26.9244, 27.5752, 34.0405

Trichromacy



Original Color

28.6639, 27.3971, 43.3126

Protanomaly

27.6655, 27.3011, 43.8559

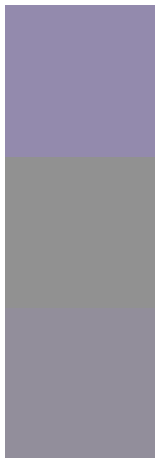
Deuteranomaly

28.2770, 27.4117, 43.3358

Tritanomaly

27.5471, 27.6076, 37.1346

Monochromacy



Original Color

28.6639, 27.3971, 43.3126

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.4435, 27.8236, 34.9344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6639, 27.3971, 43.3126 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, 138, 173)` looks like.

```
.text, #text, p{  
    color:rgb(147, 138, 173)  
}
```

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, 138, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 138, 173) }
```

Border

The CSS property to change the border of an element to XYZ 28.6639, 27.3971, 43.3126 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, 138, 173) }
```


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

```
.border{ border-color:rgb(147, 138, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 138, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 138, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 138, 173);  
box-shadow:4px 4px 4px 4px rgb(147, 138,  
173) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6639, 27.3971, 43.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 138, 173) }
```

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

```
.background{ background-color: rgb(147,  
138, 173) }
```

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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