

Converting Colors

XYZ(28.4757, 27.8382, 44.7061)

Have a look what the booklet for
XYZ(28.4757, 27.8382, 44.7061)
contains.

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Color

**XYZ(28.5167, 27.9351,
44.9633)**

Conversions

Conversions Part 1

Format	Color
Hex	8E8DB0
RGB	142, 141, 176
RGB Percent	56%, 55%, 69%
CMY	0.4431, 0.4470, 0.3098
CMYK	0.19, 0.20, 0.00, 0.31
HSL	242°, 18%, 62%
HSV	242°, 20%, 69%
XYZ	28.5167, 27.9351, 44.9633
YIQ	145.2890, -10.6390, 11.0970

Conversions

Conversions Part 2

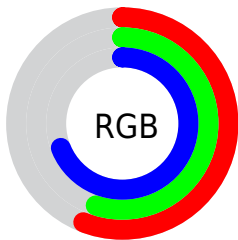
Format	Color
R_{YB}	142, 141, 176
Decimal	9342384
CIE _{Lab}	59.83, 7.87, -18.19
CIE _{LCh}	60, 19.824, 293.400
Yxy	27.9351, 0.2812, 0.2755
Android (android.graphics.Color)	4287532464 (0xFF8E8DB0)
YUV	145.2890, 15.1405, -2.8845
Hunter-Lab	52.8537, 3.8141, -13.4412

Details

The XYZ color **28.5167, 27.9351, 44.9633** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.0130, 42.0883, 31.3208**, and the grayscale version is **26.9753, 28.3801, 30.9059**.

A 20% lighter version of the original color is **56.8455, 56.5922, 84.2712**, and **11.6306, 11.1364, 20.2754** is the 20% darker color. If you saturate the color by 10%, you get **23.4131, 21.7535, 44.0396**, and if you desaturate by 10%, it is **34.4844, 35.1757, 46.0468**.

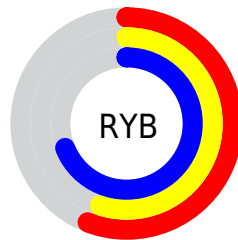
Distribution



Red (56%)

Green (55%)

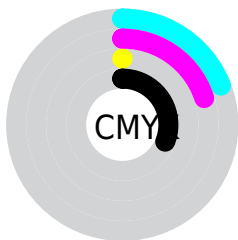
Blue (69%)



Red (56%)

Yellow (55%)

Blue (69%)

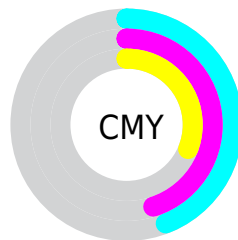


Cyan (19%)

Magenta (20%)

Yellow (0%)

Black (31%)



Cyan (44%)

Magenta (45%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5167, 27.9351, 44.9633 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 28.5167, 27.9351, 44.9633 by changing the saturation by 10% instead.

■ 28.5167, 27.9351,
44.9633

■ 28.5167, 27.9351,
44.9633

286.9632,
292.1567, 382.7807

■ 18.8580, 18.2767,
31.0858

■ 56.7112, 56.3808,
83.9832

■ 11.6711, 11.1489,
20.4052

■ 75.9777, 75.9370,
109.9627

■ 6.5907, 6.1670,
12.5029

■ 99.1775, 99.5611,
140.8132

■ 3.2515, 2.9469,
6.9605

126.6759,
127.6378, 176.9533

■ 1.2881, 1.1041,
3.3593

158.8384,
160.5513, 218.8016

■ 0.1743, 0.0000,
1.2809

196.0302,

■ 0.0000, 0.0000,

198.6860, 266.7766

0.0461

238.6167,
242.4263, 321.2967

■ 0.0000, 0.0000,
0.0000

■ 28.5167, 27.9351,
44.9633

■ 28.5167, 27.9351,
44.9633

■ 23.4131, 21.7535,
44.0396

■ 34.4844, 35.1757,
46.0468

■ 19.1312, 16.5782,
43.2663

■ 41.3509, 43.5182,
47.2952

■ 15.6287, 12.3568,
42.6361

■ 49.1522, 53.0070,
48.7155

■ 12.8588, 9.0312,
42.1402

■ 57.9214, 63.6832,
50.3140

■ 10.7695, 6.5367,
41.7688

■ 67.6903, 75.5859,
52.0966

■ 9.3021, 4.8000,
41.5110

■ 78.4888, 88.7524,
54.0689

■ 8.3876, 3.7351,
41.3536

■ 84.8366, 95.9146,
55.1167

■ 7.9041, 3.1727,
41.2705

■ 7.8995, 3.1670,
41.2697

Harmonies

Analogous

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



26.0001, 27.9351, 46.3347



28.5167, 27.9351, 44.9633



30.6218, 27.9351, 39.4340

Triad

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



28.5167, 27.9351, 44.9633



29.5373, 27.9351, 20.6062



22.0358, 27.9351, 28.8539

Complementary

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



28.5167, 27.9351, 44.9633



38.0130, 42.0883, 31.3208

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.



22.8588, 27.9351, 22.8906



28.5167, 27.9351, 44.9633



27.1106, 27.9351, 18.6387

Square

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



28.5167, 27.9351, 44.9633



31.2365, 27.9351, 25.2460



24.6787, 27.9351, 19.4038



22.3600, 27.9351, 36.2489

Rectangle

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



28.5167, 27.9351, 44.9633



31.4555, 27.9351, 34.5430



24.6787, 27.9351, 19.4038



22.1857, 27.9351, 26.6326

Sweetspot

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



28.5176, 27.9362, 44.9639



67.0548, 69.2763, 84.3328



34.2329, 39.6203, 46.9180



14.3654, 14.8111, 18.2460



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



28.5176, 27.9362, 44.9639



47.3329, 45.3490, 80.7538



31.6769, 29.5649, 45.1118



8.0636, 8.2413, 10.6721



5.8044, 2.3281, 30.2804



0.1900, 0.0771, 0.9531

Inverse Universe

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



35.1680, 31.3761, 44.7609



61.6837, 52.7724, 80.2811



34.4180, 40.2350, 31.1526



8.8393, 8.6425, 10.6524



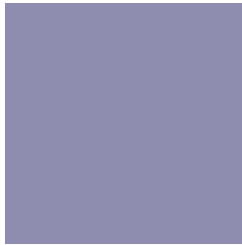
18.5323, 8.9305, 29.0270



0.5864, 0.2823, 0.9304

Previews

White Background



This preview shows how the XYZ color 28.5167, 27.9351, 44.9633 looks on a white background.

Color Contrast Check

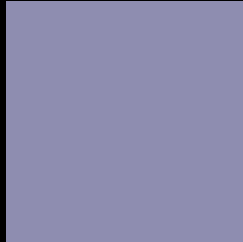
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.5167, 27.9351, 44.9633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

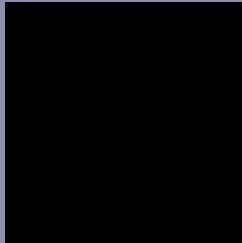
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.5167, 27.9351, 44.9633

Background



This preview shows how black text looks on a background with the XYZ color 28.5167, 27.9351, 44.9633.



This preview shows how white text looks on a background with the XYZ color 28.5167, 27.9351,

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

28.5167, 27.9351, 44.9633

Protanopia

27.9116, 28.0535, 45.5387

Deuteranopia

28.5167, 27.9351, 44.9633



Tritanopia

26.6074, 28.0544, 35.4652

Trichromacy



Original Color

28.5167, 27.9351, 44.9633

Protanomaly

28.0900, 27.9236, 45.5043

Deuteranomaly

28.5167, 27.9351, 44.9633

Tritanomaly

27.2316, 28.0798, 38.6350

Monochromacy



Original Color

28.5167, 27.9351, 44.9633

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

27.4756, 28.2761, 35.4622

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5167, 27.9351, 44.9633 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(142, 141, 176)` looks like.

```
.text, #text, p{  
    color:rgb(142, 141, 176)  
}
```

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(142, 141, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 141, 176) }
```

Border

The CSS property to change the border of an element to XYZ 28.5167, 27.9351, 44.9633 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(142, 141, 176) }
```


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

```
.border{ border-color:rgb(142, 141, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 141, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 141, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 141, 176);  
box-shadow:4px 4px 4px 4px rgb(142, 141,  
176) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5167, 27.9351, 44.9633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 141, 176) }
```

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

```
.background{ background-color: rgb(142,  
141, 176) }
```

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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