

Converting Colors

XYZ(28.7338, 25.7319, 43.9349)

Have a look what the booklet for
XYZ(28.7338, 25.7319, 43.9349)
contains.

XYZ(28.8574, 25.8327, 44.0227)	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(28.8574, 25.8327,
44.0227)**

Conversions

Conversions Part 1

Format	Color
Hex	9982AF
RGB	153, 130, 175
RGB Percent	60%, 51%, 69%
CMY	0.4000, 0.4902, 0.3137
CMYK	0.13, 0.26, 0.00, 0.31
HSL	271°, 22%, 60%
HSV	271°, 26%, 69%
XYZ	28.8574, 25.8327, 44.0227
YIQ	142.0070, -0.7370, 18.8710

Conversions

Conversions Part 2

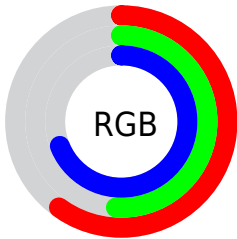
Format	Color
R_{YB}	153, 130, 175
Decimal	10060463
CIE _{Lab}	57.88, 17.62, -20.51
CIE _{LCh}	58, 27.039, 310.653
Yxy	25.8327, 0.2923, 0.2617
Android (android.graphics.Color)	4288250543 (0xFF9982AF)
YUV	142.0070, 16.2655, 9.6409
Hunter-Lab	50.8259, 12.4016, -15.7758

Details

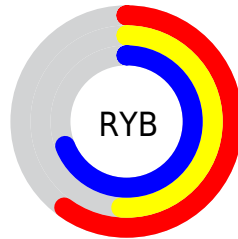
The XYZ color **28.8574, 25.8327, 44.0227** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **32.3089, 38.9476, 26.9350**, and the grayscale version is **25.6525, 26.9885, 29.3904**.

A 20% lighter version of the original color is **57.3697, 53.0464, 82.8166**, and **11.8221, 10.0567, 19.7304** is the 20% darker color. If you saturate the color by 10%, you get **25.1675, 20.7644, 43.2393**, and if you desaturate by 10%, it is **33.0607, 31.7546, 44.9446**.

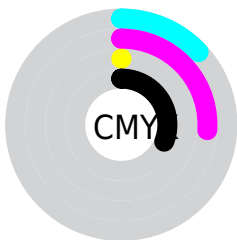
Distribution



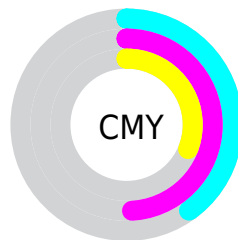
- Red (60%)
- Green (51%)
- Blue (69%)



- Red (60%)
- Yellow (51%)
- Blue (69%)



- Cyan (13%)
- Magenta (26%)
- Yellow (0%)
- Black (31%)



- Cyan (40%)
- Magenta (49%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.8574, 25.8327, 44.0227 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 28.8574, 25.8327, 44.0227 by changing the saturation by 10% instead.

■ 28.8574, 25.8327,
44.0227

■ 28.8574, 25.8327,
44.0227

288.5479,
281.9598, 378.8450

■ 19.1167, 16.6985,
30.3510

■ 57.2496, 53.0049,
82.5547

■ 11.8591, 10.0198,
19.8509

■ 76.6318, 71.8118,
108.2522

■ 6.7194, 5.4121,
12.1037

■ 99.9585, 94.6116,
138.7953

■ 3.3320, 2.4910,
6.6909

127.5952,
121.7889, 174.6027

■ 1.3317, 0.8721,
3.1941

159.9071,
153.7279, 216.0927

■ 0.2067, 0.0000,
1.1946

197.2596,

■ 0.0000, 0.0000,

190.8132, 263.6841

0.0000

240.0181,
233.4290, 317.7954

■ 28.8574, 25.8327,
44.0227

■ 28.8574, 25.8327,
44.0227

■ 25.1675, 20.7644,
43.2393

■ 33.0607, 31.7546,
44.9446

■ 21.9660, 16.5052,
42.5859

■ 37.7957, 38.5653,
46.0096

■ 19.2295, 13.0114,
42.0558

■ 43.0831, 46.3019,
47.2243

■ 16.9315, 10.2335,
41.6407

■ 48.9415, 54.9985,
48.5941

■ 15.0421, 8.1164,
41.3317

■ 55.3886, 64.6872,
50.1244

■ 13.5276, 6.5960,
41.1180

■ 62.4413, 75.3988,
51.8203

■ 12.3450, 5.5911,
40.9864

■ 70.1158, 87.1627,
53.6864

■ 11.9006, 5.2411,
40.9422

■ 73.4530, 90.0576,
54.0693

■ 76.1319, 91.4386,
54.1947

Harmonies

Analogous

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



25.7277, 25.8327, 49.6586



28.8574, 25.8327, 44.0227



30.9398, 25.8327, 34.4884

Triad

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



28.8574, 25.8327, 44.0227



26.6840, 25.8327, 14.3857



18.9052, 25.8327, 31.5705

Complementary

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



28.8574, 25.8327, 44.0227



32.3089, 38.9476, 26.9350

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.



19.1121, 25.8327, 22.6010



28.8574, 25.8327, 44.0227



23.4150, 25.8327, 13.9410

Square

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



28.8574, 25.8327, 44.0227



29.6104, 25.8327, 17.9974



20.6998, 25.8327, 16.6091



20.1073, 25.8327, 41.4851

Rectangle

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



28.8574, 25.8327, 44.0227



31.3532, 25.8327, 27.9236



20.6998, 25.8327, 16.6091



18.8152, 25.8327, 28.3322

Sweetspot

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



28.8582, 25.8338, 44.0233



65.5437, 65.9600, 81.9139



28.2542, 30.4610, 44.9483



14.2817, 14.2474, 18.1416



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.



28.8582, 25.8338, 44.0233



47.7257, 40.7996, 77.9965



33.4004, 28.1753, 44.2358



7.9545, 7.9509, 10.0681



8.5936, 3.7900, 29.3231



0.3020, 0.1379, 0.8187

Inverse Universe

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



31.3301, 27.3472, 33.3339



53.0544, 44.0613, 54.9935



28.5660, 37.0181, 26.7598



8.1623, 8.0782, 9.1654



13.8817, 7.0152, 7.0224



0.4139, 0.2062, 0.3413

Previews

White Background



This preview shows how the XYZ color 28.8574, 25.8327, 44.0227 looks on a white background.

Color Contrast Check

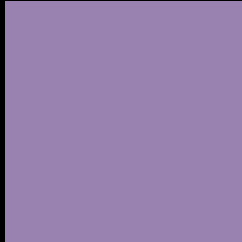
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.8574, 25.8327, 44.0227 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 28.8574, 25.8327, 44.0227

Background



This preview shows how black text looks on a background with the XYZ color 28.8574, 25.8327, 44.0227.



This preview shows how white text looks on a background with the XYZ color 28.8574, 25.8327,

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

28.8574, 25.8327, 44.0227

Protanopia

26.2288, 26.0614, 46.8280

Deuteranopia

26.4358, 25.8152, 43.6339



Tritanopia

26.0650, 25.6992, 30.7808

Trichromacy



Original Color

28.8574, 25.8327, 44.0227

Protanomaly

27.0164, 25.8607, 45.6872

Deuteranomaly

27.3204, 25.8570, 43.5954

Tritanomaly

27.0510, 25.6934, 35.4319

Monochromacy



Original Color

28.8574, 25.8327, 44.0227

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

26.7753, 26.6210, 34.2990

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.8574, 25.8327, 44.0227 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(153, 130, 175)` looks like.

```
.text, #text, p{  
    color:rgb(153, 130, 175)  
}
```

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(153, 130, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 130, 175) }
```

Border

The CSS property to change the border of an element to XYZ 28.8574, 25.8327, 44.0227 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(153, 130, 175) }
```


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

```
.border{ border-color:rgb(153, 130, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 130, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 130, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 130, 175);  
box-shadow:4px 4px 4px 4px rgb(153, 130,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 28.8574, 25.8327, 44.0227 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 130, 175) }
```

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

```
.background{ background-color: rgb(153,  
130, 175) }
```

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