

Converting Colors

XYZ(28.9257, 29.4649, 44.7549)

Have a look what the booklet for
XYZ(28.9257, 29.4649, 44.7549)
contains.

XYZ(28.9868, 29.5380, 44.7311)	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(28.9868, 29.5380,
44.7311)**

Conversions

Conversions Part 1

Format	Color
Hex	8C93AF
RGB	140, 147, 175
RGB Percent	55%, 58%, 69%
CMY	0.4510, 0.4235, 0.3137
CMYK	0.20, 0.16, 0.00, 0.31
HSL	228°, 18%, 62%
HSV	228°, 20%, 69%
XYZ	28.9868, 29.5380, 44.7311
YIQ	148.0990, -13.1600, 7.2240

Conversions

Conversions Part 2

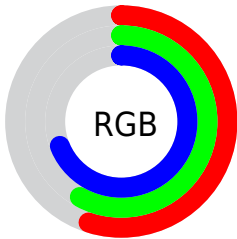
Format	Color
R_{YB}	140, 146, 175
Decimal	9212847
CIE _{Lab}	61.25, 3.57, -15.48
CIE _{LCh}	61, 15.888, 282.973
Yxy	29.5380, 0.2807, 0.2861
Android (android.graphics.Color)	4287402927 (0xFF8C93AF)
YUV	148.0990, 13.2622, -7.1028
Hunter-Lab	54.3489, 0.0919, -10.7536

Details

The XYZ color **28.9868, 29.5380, 44.7311** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **36.4158, 39.0128, 30.4226**, and the grayscale version is **28.1407, 29.6062, 32.2411**.

A 20% lighter version of the original color is **57.5586, 59.0121, 83.9581**, and **11.9697, 12.1033, 20.4442** is the 20% darker color. If you saturate the color by 10%, you get **24.2233, 24.0456, 43.9225**, and if you desaturate by 10%, it is **34.4861, 35.8045, 45.6513**.

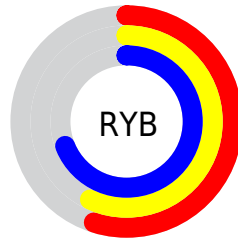
Distribution



Red (55%)

Green (58%)

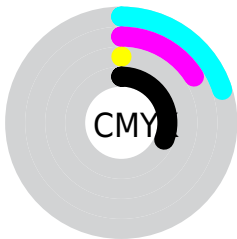
Blue (69%)



Red (55%)

Yellow (57%)

Blue (69%)

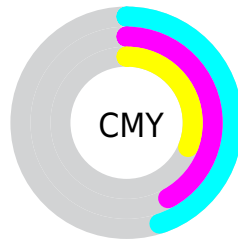


Cyan (20%)

Magenta (16%)

Yellow (0%)

Black (31%)



Cyan (45%)

Magenta (42%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.9868, 29.5380, 44.7311 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 28.9868, 29.5380, 44.7311 by changing the saturation by 10% instead.

■ 28.9868, 29.5380,
44.7311

■ 28.9868, 29.5380,
44.7311

289.1480,
299.7450, 381.8117

■ 19.2151, 19.4882,
30.9043

■ 57.4538, 58.9308,
83.6309

■ 11.9307, 12.0236,
20.2681

■ 76.8798, 79.0425,
109.5410

■ 6.7684, 6.7597,
12.4041

■ 100.2546,
103.2771, 140.3159

■ 3.3627, 3.3123,
6.8936

127.9436,
132.0187, 176.3742

■ 1.3483, 1.2969,
3.3182

160.3120,
165.6520, 218.1343

■ 0.2190, 0.1388,
1.2593

197.7253,

■ 0.0000, 0.0000,

204.5612, 266.0150

0.0281

240.5489,
249.1307, 320.4346

0.0000, 0.0000,
0.0000

28.9868, 29.5380,
44.7311

28.9868, 29.5380,
44.7311

24.2233, 24.0456,
43.9225

34.4861, 35.8045,
45.6513

20.1612, 19.2932,
43.2193

40.7480, 42.8701,
46.6851

16.7675, 15.2498,
42.6177

47.8015, 50.7631,
47.8368

14.0054, 11.8804,
42.1129

55.6731, 59.5094,
49.1101

11.8344, 9.1472,
41.6998

64.3882, 69.1337,
50.5085

■ 10.2090, 7.0083,
41.3726

■ 73.9709, 79.6598,
52.0351

■ 9.0768, 5.4162,
41.1250

■ 81.6301, 89.6595,
53.5616

■ 8.3392, 4.2977,
40.9480

■ 84.7380, 95.8752,
54.5975

■ 8.3392, 4.2976,
40.9480

Harmonies

Analogous

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



26.9146, 29.5380, 44.4690



28.9868, 29.5380, 44.7311



30.9043, 29.5380, 41.3389

Triad

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



28.9868, 29.5380, 44.7311



31.1191, 29.5380, 24.9374



24.4052, 29.5380, 28.9081

Complementary

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



28.9868, 29.5380, 44.7311



36.4158, 39.0128, 30.4226

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.



25.4238, 29.5380, 24.4546



28.9868, 29.5380, 44.7311



29.2682, 29.5380, 22.3648

Square

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



28.9868, 29.5380, 44.7311



32.1759, 29.5380, 29.6468



27.1825, 29.5380, 22.1998



24.3382, 29.5380, 34.8153

Rectangle

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



28.9868, 29.5380, 44.7311



31.8090, 29.5380, 37.6802



27.1825, 29.5380, 22.1998



24.6453, 29.5380, 27.2104

Sweetspot

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



28.9877, 29.5392, 44.7318



65.9659, 68.8802, 82.4553



33.1595, 39.0415, 42.5501



14.5065, 15.1340, 18.3009



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.



28.9877, 29.5392, 44.7318



47.9890, 48.3915, 79.4481



29.6790, 28.3282, 44.4616



7.7038, 8.0071, 10.0922



6.0080, 3.1499, 29.3359



0.2040, 0.1613, 0.8284

Inverse Universe

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



32.3245, 29.9775, 31.6876



55.0938, 49.4463, 51.6464



35.5986, 40.5622, 30.7648



8.0683, 8.0406, 8.6706



12.8962, 6.6210, 1.8330



0.3774, 0.1916, 0.1489

Previews

White Background



This preview shows how the XYZ color 28.9868, 29.5380, 44.7311 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 28.9868, 29.5380, 44.7311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

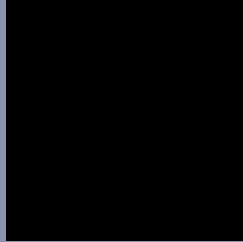
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.9868, 29.5380, 44.7311

Background



This preview shows how black text looks on a background with the XYZ color 28.9868, 29.5380, 44.7311.



This preview shows how white text looks on a background with the XYZ color 28.9868, 29.5380,

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

28.9868, 29.5380, 44.7311

Protanopia

29.1721, 29.4037, 44.6954

Deuteranopia

30.0225, 29.3770, 45.1623



Tritanopia

27.4970, 29.3865, 37.9411

Trichromacy



Original Color

28.9868, 29.5380, 44.7311

Protanomaly

29.0013, 29.3156, 44.6874

Deuteranomaly

29.6389, 29.4051, 45.1879

Tritanomaly

27.9541, 29.3363, 40.2655

Monochromacy



Original Color

28.9868, 29.5380, 44.7311

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.4385, 29.6682, 36.5754

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.9868, 29.5380, 44.7311 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(140, 147, 175)` looks like.

```
.text, #text, p{  
    color:rgb(140, 147, 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(140, 147, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 147, 175) }
```

Border

The CSS property to change the border of an element to XYZ 28.9868, 29.5380, 44.7311 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(140, 147, 175) }
```


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

```
.border{ border-color:rgb(140, 147, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 147, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 147, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 147, 175);  
box-shadow:4px 4px 4px 4px rgb(140, 147,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 28.9868, 29.5380, 44.7311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 147, 175) }
```

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

```
.background{ background-color: rgb(140,  
147, 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](#).

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