

Converting Colors

XYZ(28.5103, 29.8454, 40.6880)

Have a look what the booklet for
XYZ(28.5103, 29.8454, 40.6880)
contains.

XYZ(28.5377, 29.8604, 40.8187)	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(28.5377, 29.8604,
40.8187)**

Conversions

Conversions Part 1

Format	Color
Hex	8C95A7
RGB	140, 149, 167
RGB Percent	55%, 58%, 65%
CMY	0.4510, 0.4157, 0.3451
CMYK	0.16, 0.11, 0.00, 0.35
HSL	220°, 13%, 60%
HSV	220°, 16%, 65%
XYZ	28.5377, 29.8604, 40.8187
YIQ	148.3610, -11.1420, 3.6900

Conversions

Conversions Part 2

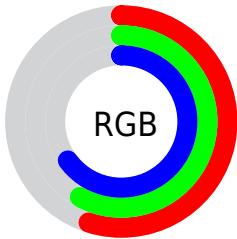
Format	Color
RYB	140, 147, 167
Decimal	9213351
CIELab	61.53, 0.61, -10.53
CIElCh	62, 10.550, 273.327
Yxy	29.8604, 0.2876, 0.3010
Android (android.graphics.Color)	4287403431 (0xFF8C95A7)
YUV	148.3610, 9.1890, -7.3326
Hunter-Lab	54.6447, -2.4081, -6.0374

Details

The XYZ color **28.5377, 29.8604, 40.8187** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.8969, 34.5624, 29.7489**, and the grayscale version is **28.2659, 29.7379, 32.3846**.

A 20% lighter version of the original color is **56.7889, 59.4551, 77.5901**, and **11.6786, 12.1468, 17.9487** is the 20% darker color. If you saturate the color by 10%, you get **24.2568, 25.1634, 40.1382**, and if you desaturate by 10%, it is **33.4159, 35.1168, 41.5767**.

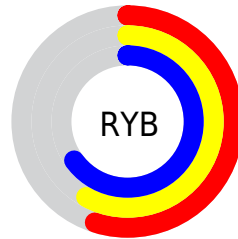
Distribution



Red (55%)

Green (58%)

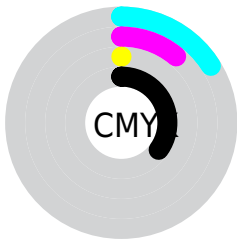
Blue (65%)



Red (55%)

Yellow (58%)

Blue (65%)

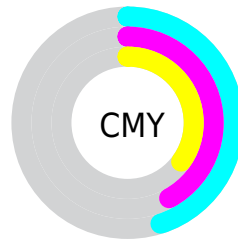


Cyan (16%)

Magenta (11%)

Yellow (0%)

Black (35%)



Cyan (45%)

Magenta (42%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.5377, 29.8604, 40.8187 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 28.5377, 29.8604, 40.8187 by changing the saturation by 10% instead.

■ 28.5377, 29.8604,
40.8187

■ 28.5377, 29.8604,
40.8187

287.0611,
301.2532, 365.2165

■ 18.8739, 19.7327,
27.8588

■ 56.7444, 59.4413,
77.6593

■ 11.6827, 12.2009,
17.9811

■ 76.0181, 79.6633,
102.3770

■ 6.5986, 6.8806,
10.7671

■ 99.2257, 104.0188,
131.8512

■ 3.2565, 3.3876,
5.7983

126.7327,
132.8923, 166.5003

■ 1.2908, 1.3373,
2.6560

158.9043,
166.6680, 206.7428

■ 0.1763, 0.1698,
0.9212

196.1061,

■ 0.0000, 0.0000,

205.7305, 252.9973

0.0000

238.7032,
250.4641, 305.6823

■ 28.5377, 29.8604,
40.8187

■ 28.5377, 29.8604,
40.8187

■ 24.2568, 25.1634,
40.1382

■ 33.4159, 35.1168,
41.5767

■ 20.5465, 21.0027,
39.5307

■ 38.9112, 40.9471,
42.4124

■ 17.3822, 17.3592,
38.9942

■ 45.0456, 47.3701,
43.3288

■ 14.7364, 14.2110,
38.5260

■ 51.8396, 54.4023,
44.3281

■ 12.5787, 11.5345,
38.1230

■ 59.3123, 62.0597,
45.4123

■ 10.8758, 9.3037,
37.7822

■ 67.4824, 70.3577,
46.5833

■ 9.5891, 7.4900,
37.5000

■ 75.6644, 78.9486,
47.8103

■ 8.6684, 6.0576,
37.2720

■ 78.8070, 85.2338,
48.8578

■ 8.3739, 5.5876,
37.1968

■ 82.1500, 91.9199,
49.9722

Harmonies

Analogous

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



27.1919, 29.8604, 39.8877



28.5377, 29.8604, 40.8187



29.8839, 29.8604, 39.3779

Triad

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



28.5377, 29.8604, 40.8187



30.6869, 29.8604, 28.4645



26.0468, 29.8604, 29.1785

Complementary

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



28.5377, 29.8604, 40.8187



32.8969, 34.5624, 29.7489

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.



26.9302, 29.8604, 26.4961



28.5377, 29.8604, 40.8187



29.6051, 29.8604, 26.1082

Square

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



28.5377, 29.8604, 40.8187



31.1501, 29.8604, 32.0682



28.2257, 29.8604, 25.4179



25.7819, 29.8604, 32.9617

Rectangle

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



28.5377, 29.8604, 40.8187



30.5922, 29.8604, 37.3302



28.2257, 29.8604, 25.4179



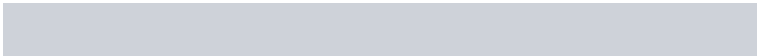
26.2798, 29.8604, 28.1289

Sweetspot

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



28.5386, 29.8616, 40.8194



60.8509, 63.9655, 74.6147



30.7673, 35.6665, 37.4082



13.4757, 14.1631, 16.6756



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



28.5386, 29.8616, 40.8194



48.5606, 50.7002, 72.7020



27.8640, 27.4806, 40.3953



7.3286, 7.6940, 9.5172



6.4488, 4.3578, 28.4767



0.2037, 0.1996, 0.7084

Inverse Universe

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



30.7399, 29.1422, 32.4401



53.1994, 49.2819, 55.0226



33.6468, 37.3126, 30.2402



7.6304, 7.5820, 8.3711



12.7557, 6.5110, 3.5249



0.3340, 0.1679, 0.2101

Previews

White Background



This preview shows how the XYZ color 28.5377, 29.8604, 40.8187 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 28.5377, 29.8604, 40.8187 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

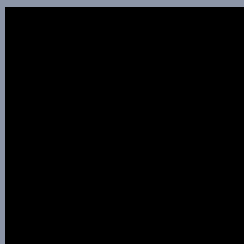
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

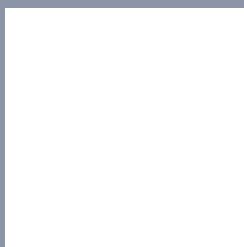
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.5377, 29.8604, 40.8187

Background



This preview shows how black text looks on a background with the XYZ color 28.5377, 29.8604, 40.8187.



This preview shows how white text looks on a background with the XYZ color 28.5377, 29.8604,

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

28.5377, 29.8604, 40.8187

Protanopia

29.1707, 29.7316, 40.2777

Deuteranopia

30.5197, 29.9480, 41.2178



Tritanopia

28.0754, 29.9103, 38.4760

Trichromacy



Original Color

28.5377, 29.8604, 40.8187

Protanomaly

28.9744, 29.8623, 40.3133

Deuteranomaly

29.7412, 29.7745, 41.2253

Tritanomaly

28.2546, 29.9820, 39.4199

Monochromacy



Original Color

28.5377, 29.8604, 40.8187

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.1834, 29.5661, 35.2318

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.5377, 29.8604, 40.8187 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, 149, 167)` looks like.

```
.text, #text, p{  
    color:rgb(140, 149, 167)  
}
```

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, 149, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 149, 167) }
```

Border

The CSS property to change the border of an element to XYZ 28.5377, 29.8604, 40.8187 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, 149, 167) }
```


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

```
.border{ border-color:rgb(140, 149, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 149, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 149, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 149, 167);  
box-shadow:4px 4px 4px 4px rgb(140, 149,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 28.5377, 29.8604, 40.8187 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 149, 167) }
```

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

```
.background{ background-color: rgb(140,  
149, 167) }
```

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