

Converting Colors

XYZ(28.1888, 29.8032, 41.4188)

Have a look what the booklet for
XYZ(28.1888, 29.8032, 41.4188)
contains.

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Color

**XYZ(28.2908, 29.9582,
41.3372)**

Conversions

Conversions Part 1

Format	Color
Hex	8996A8
RGB	137, 150, 168
RGB Percent	54%, 59%, 66%
CMY	0.4627, 0.4118, 0.3412
CMYK	0.18, 0.11, 0.00, 0.34
HSL	215°, 15%, 60%
HSV	215°, 18%, 66%
XYZ	28.2908, 29.9582, 41.3372
YIQ	148.1650, -13.5260, 2.8420

Conversions

Conversions Part 2

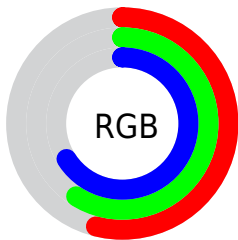
Format	Color
RYB	137, 146, 168
Decimal	9017000
CIELab	61.62, -0.72, -10.99
CIElCh	62, 11.018, 266.250
Yxy	29.9582, 0.2841, 0.3008
Android (android.graphics.Color)	4287207080 (0xFF8996A8)
YUV	148.1650, 9.7787, -9.7917
Hunter-Lab	54.7341, -3.5221, -6.4641

Details

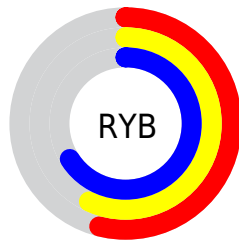
The XYZ color **28.2908, 29.9582, 41.3372** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.3855, 33.5738, 28.4412**, and the grayscale version is **28.1824, 29.6501, 32.2889**.

A 20% lighter version of the original color is **56.3980, 59.5898, 78.3415**, and **11.5447, 12.2109, 18.2715** is the 20% darker color. If you saturate the color by 10%, you get **24.2563, 25.6638, 40.7214**, and if you desaturate by 10%, it is **32.8856, 34.7353, 42.0176**.

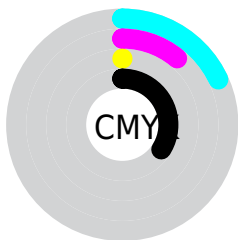
Distribution



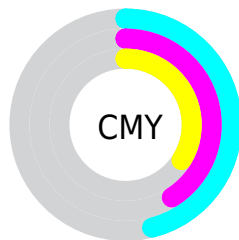
- Red (54%)
- Green (59%)
- Blue (66%)



- Red (54%)
- Yellow (57%)
- Blue (66%)



- Cyan (18%)
- Magenta (11%)
- Yellow (0%)
- Black (34%)



- Cyan (46%)
- Magenta (41%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2908, 29.9582, 41.3372 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 28.2908, 29.9582, 41.3372 by changing the saturation by 10% instead.

■ 28.2908, 29.9582,
41.3372

■ 28.2908, 29.9582,
41.3372

285.9088,
301.7096, 367.4463

■ 18.6866, 19.8069,
28.2610

■ 56.3538, 59.5961,
78.4547

■ 11.5467, 12.2547,
18.2817

■ 75.5432, 79.8514,
103.3331

■ 6.5058, 6.9174,
10.9809

■ 98.6585, 104.2435,
132.9827

■ 3.1986, 3.4105,
5.9400

126.0648,
133.1568, 167.8219

■ 1.2596, 1.3496,
2.7404

158.1277,
166.9756, 208.2693

■ 0.1527, 0.1791,
0.9637

195.2124,

■ 0.0000, 0.0000,

206.0844, 254.7435

0.0000

237.6843,
250.8676, 307.6629

■ 28.2908, 29.9582,
41.3372

■ 28.2908, 29.9582,
41.3372

■ 24.2563, 25.6638,
40.7214

■ 32.8856, 34.7353,
42.0176

■ 20.7563, 21.8318,
40.1662

■ 38.0594, 40.0071,
42.7625

■ 17.7673, 18.4461,
39.6703

■ 43.8335, 45.7895,
43.5742

■ 15.2625, 15.4879,
39.2313

■ 50.2272, 52.0968,
44.4547

■ 13.2126, 12.9367,
38.8469

■ 57.2590, 58.9425,
45.4054

■ 11.5847, 10.7701,
38.5145

■ 64.9464, 66.3397,
46.4281

■ 10.3410, 8.9628,
38.2312

■ 73.3066, 74.3011,
47.5241

■ 9.4160, 7.4749,
37.9928

■ 76.0613, 79.5938,
48.4005

■ 9.2870, 7.2653,
37.9591

■ 78.8214, 85.1141,
49.3206

Harmonies

Analogous

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



26.9399, 29.9582, 39.7872



28.2908, 29.9582, 41.3372



29.7368, 29.9582, 40.3917

Triad

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



28.2908, 29.9582, 41.3372



31.0726, 29.9582, 29.1842



26.1988, 29.9582, 28.3451

Complementary

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



28.2908, 29.9582, 41.3372



32.3855, 33.5738, 28.4412

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.



27.2482, 29.9582, 25.9141



28.2908, 29.9582, 41.3372



30.0660, 29.9582, 26.3687

Square

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



28.2908, 29.9582, 41.3372



31.3747, 29.9582, 33.1491



28.6587, 29.9582, 25.2225



25.7585, 29.9582, 32.0954

Rectangle

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



28.2908, 29.9582, 41.3372



30.5552, 29.9582, 38.5137



28.6587, 29.9582, 25.2225



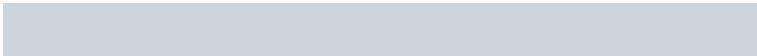
26.4902, 29.9582, 27.3594

Sweetspot

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



28.2917, 29.9594, 41.3379



61.7775, 65.1898, 76.5520



30.1999, 35.6762, 36.1150



13.3434, 14.0841, 16.6674



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.



28.2917, 29.9594, 41.3379



48.3259, 51.1818, 74.5571



26.6729, 26.2140, 40.7003



7.3807, 7.7983, 9.5346



7.0616, 5.5834, 28.6810



0.2227, 0.2377, 0.7148

Inverse Universe

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



30.5999, 28.4190, 32.7281



53.3126, 48.0272, 55.9171



34.2305, 37.9117, 29.1813



7.6567, 7.5926, 8.5096



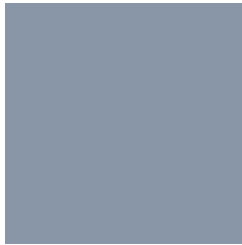
13.0650, 6.6347, 5.1537



0.3436, 0.1717, 0.2607

Previews

White Background



This preview shows how the XYZ color 28.2908, 29.9582, 41.3372 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 28.2908, 29.9582, 41.3372 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

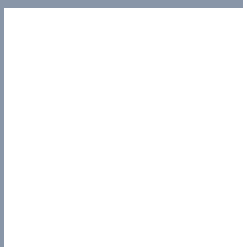
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2908, 29.9582, 41.3372

Background



This preview shows how black text looks on a background with the XYZ color 28.2908, 29.9582, 41.3372.



This preview shows how white text looks on a background with the XYZ color 28.2908, 29.9582,

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

28.2908, 29.9582, 41.3372

Protanopia

29.3269, 30.0440, 40.3298

Deuteranopia

30.4237, 29.8877, 41.7015



Tritanopia

27.8308, 30.0118, 38.9763

Trichromacy



Original Color

28.2908, 29.9582, 41.3372

Protanomaly

29.0502, 30.1246, 40.8427

Deuteranomaly

29.6278, 29.9351, 41.7526

Tritanomaly

28.0115, 30.0841, 39.9278

Monochromacy



Original Color

28.2908, 29.9582, 41.3372

Achromatopsia

28.1479, 29.6138, 32.2495

Achromatomaly

28.1654, 29.7907, 35.2761

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2908, 29.9582, 41.3372 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(137, 150, 168)` looks like.

```
.text, #text, p{  
    color:rgb(137, 150, 168)  
}
```

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(137, 150, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 150, 168) }
```

Border

The CSS property to change the border of an element to XYZ 28.2908, 29.9582, 41.3372 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(137, 150, 168) }
```


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

```
.border{ border-color:rgb(137, 150, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 150, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 150, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 150, 168);  
box-shadow:4px 4px 4px 4px rgb(137, 150,  
168) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2908, 29.9582, 41.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 150, 168) }
```

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

```
.background{ background-color: rgb(137,  
150, 168) }
```

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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