

Converting Colors

XYZ(28.4723, 29.9334, 40.6197)

Have a look what the booklet for
XYZ(28.4723, 29.9334, 40.6197)
contains.

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Color

**XYZ(28.3700, 29.7739,
40.8109)**

Conversions

Conversions Part 1

Format	Color
Hex	8B95A7
RGB	139, 149, 167
RGB Percent	55%, 58%, 65%
CMY	0.4549, 0.4157, 0.3451
CMYK	0.17, 0.11, 0.00, 0.35
HSL	219°, 14%, 60%
HSV	219°, 17%, 65%
XYZ	28.3700, 29.7739, 40.8109
YIQ	148.0620, -11.7380, 3.4780

Conversions

Conversions Part 2

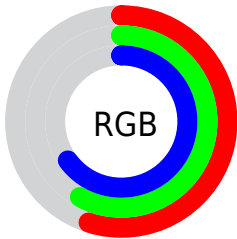
Format	Color
RYB	139, 146, 167
Decimal	9147815
CIELab	61.46, 0.28, -10.65
CIELCh	61, 10.655, 271.496
Yxy	29.7739, 0.2867, 0.3009
Android (android.graphics.Color)	4287337895 (0xFF8B95A7)
YUV	148.0620, 9.3364, -7.9474
Hunter-Lab	54.5655, -2.6828, -6.1487

Details

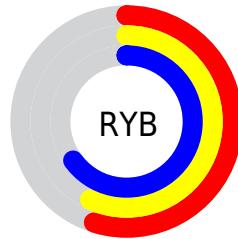
The XYZ color **28.3700, 29.7739, 40.8109** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.6538, 34.1936, 29.3058**, and the grayscale version is **28.1407, 29.6062, 32.2412**.

A 20% lighter version of the original color is **56.5331, 59.3233, 77.5782**, and **11.5820, 12.0970, 17.9442** is the 20% darker color. If you saturate the color by 10%, you get **24.1710, 25.2038, 40.1506**, and if you desaturate by 10%, it is **33.1533, 34.8792, 41.5447**.

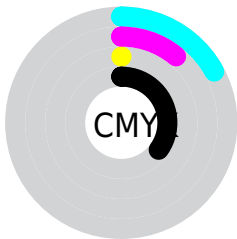
Distribution



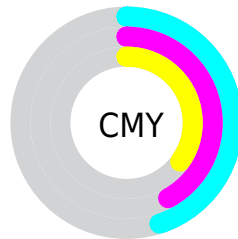
- Red (55%)
- Green (58%)
- Blue (65%)



- Red (55%)
- Yellow (57%)
- Blue (65%)



- Cyan (17%)
- Magenta (11%)
- Yellow (0%)
- Black (35%)



- Cyan (45%)
- Magenta (42%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3700, 29.7739, 40.8109 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 28.3700, 29.7739, 40.8109 by changing the saturation by 10% instead.

■ 28.3700, 29.7739,
40.8109

■ 28.3700, 29.7739,
40.8109

286.2788,
300.8491, 365.1829

■ 18.7466, 19.6670,
27.8528

■ 56.4791, 59.3044,
77.6473

■ 11.5903, 12.1532,
17.9766

■ 75.6956, 79.4969,
102.3626

■ 6.5355, 6.8481,
10.7639

■ 98.8405, 103.8200,
131.8341

■ 3.2171, 3.3673,
5.7962

126.2792,
132.6581, 166.4803

■ 1.2696, 1.3264,
2.6548

158.3771,
166.3957, 206.7198

■ 0.1603, 0.1615,
0.9205

195.4994,

■ 0.0000, 0.0000,

205.4172, 252.9710

0.0000

238.0115,
250.1068, 305.6525

■ 28.3700, 29.7739,
40.8109

■ 28.3700, 29.7739,
40.8109

■ 24.1710, 25.2038,
40.1506

■ 33.1533, 34.8792,
41.5447

■ 20.5303, 21.1469,
39.5594

■ 38.5403, 40.5333,
42.3521

■ 17.4234, 17.5848,
39.0356

■ 44.5529, 46.7542,
43.2360

■ 14.8233, 14.4969,
38.5766

■ 51.2109, 53.5576,
44.1982

■ 12.7003, 11.8604,
38.1796

■ 58.5332, 60.9586,
45.2409

■ 11.0210, 9.6509,
37.8416

■ 66.5382, 68.9720,
46.3657

■ 9.7477, 7.8407,
37.5593

■ 74.9102, 77.4402,
47.5590

■ 8.8272, 6.3938,
37.3286

■ 77.8895, 83.3988,
48.5521

■ 8.5729, 5.9856,
37.2632

■ 81.0543, 89.7283,
49.6070

Harmonies

Analogous

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



27.0258, 29.7739, 39.7271



28.3700, 29.7739, 40.8109



29.7385, 29.7739, 39.4955

Triad

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



28.3700, 29.7739, 40.8109



30.6729, 29.7739, 28.5314



25.9843, 29.7739, 28.8549

Complementary

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



28.3700, 29.7739, 40.8109



32.6538, 34.1936, 29.3058

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.



26.9071, 29.7739, 26.2421



28.3700, 29.7739, 40.8109



29.6120, 29.7739, 26.0666

Square

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



28.3700, 29.7739, 40.8109



31.0951, 29.7739, 32.2165



28.2285, 29.7739, 25.2639



25.6762, 29.7739, 32.6217

Rectangle

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



28.3700, 29.7739, 40.8109



30.4729, 29.7739, 37.4936



28.2285, 29.7739, 25.2639



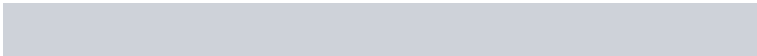
26.2314, 29.7739, 27.8238

Sweetspot

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



28.3709, 29.7751, 40.8116



60.9144, 64.0925, 74.6358



30.5299, 35.5522, 37.0328



13.4917, 14.1951, 16.6810



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.



28.3709, 29.7751, 40.8116



47.9869, 50.2723, 72.6496



27.4899, 27.0719, 40.3362



7.3429, 7.7228, 9.5220



6.6028, 4.6657, 28.5281



0.2090, 0.2101, 0.7102

Inverse Universe

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



30.5945, 28.8514, 32.3915



52.7342, 48.4233, 54.6458



33.6384, 37.3168, 29.8568



7.6377, 7.5849, 8.4093



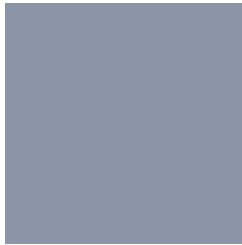
12.8334, 6.5421, 3.9341



0.3366, 0.1689, 0.2241

Previews

White Background



This preview shows how the XYZ color 28.3700, 29.7739, 40.8109 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 28.3700, 29.7739, 40.8109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

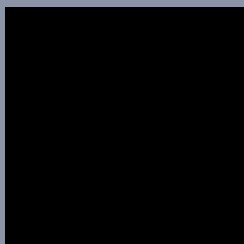
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

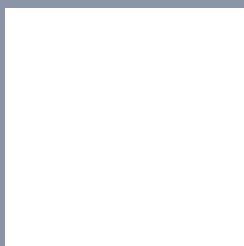
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.3700, 29.7739, 40.8109

Background



This preview shows how black text looks on a background with the XYZ color 28.3700, 29.7739, 40.8109.



This preview shows how white text looks on a background with the XYZ color 28.3700, 29.7739,

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

28.3700, 29.7739, 40.8109

Protanopia

29.1707, 29.7316, 40.2777

Deuteranopia

30.1780, 29.5460, 41.1582



Tritanopia

27.9092, 29.8246, 38.4682

Trichromacy



Original Color

28.3700, 29.7739, 40.8109

Protanomaly

28.8005, 29.7726, 40.3051

Deuteranomaly

29.5595, 29.6808, 41.2168

Tritanomaly

28.0884, 29.8963, 39.4121

Monochromacy



Original Color

28.3700, 29.7739, 40.8109

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 28.3700, 29.7739, 40.8109 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(139, 149, 167)` looks like.

```
.text, #text, p{  
    color:rgb(139, 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(139, 149, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 149, 167) }
```

Border

The CSS property to change the border of an element to XYZ 28.3700, 29.7739, 40.8109 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(139, 149, 167) }
```


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

```
.border{ border-color:rgb(139, 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(139, 149, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 149, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 149, 167);  
box-shadow:4px 4px 4px 4px rgb(139, 149,  
167) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3700, 29.7739, 40.8109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 149, 167) }
```

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

```
.background{ background-color: rgb(139,  
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](#).

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