

Converting Colors

XYZ(28.6773, 28.1471, 59.1798)

Have a look what the booklet for
XYZ(28.6773, 28.1471, 59.1798)
contains.

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Color

**XYZ(28.6773, 28.1471,
59.1798)**

Conversions

Conversions Part 1

Format	Color
Hex	7C8FC9
RGB	124, 143, 201
RGB Percent	49%, 56%, 79%
CMY	0.5137, 0.4392, 0.2118
CMYK	0.38, 0.29, 0.00, 0.21
HSL	225°, 42%, 64%
HSV	225°, 38%, 79%
XYZ	28.6773, 28.1471, 59.1798
YIQ	143.9310, -29.9420, 14.0100

Conversions

Conversions Part 2

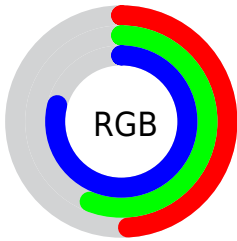
Format	Color
RYB	124, 139, 201
Decimal	8163273
CIELab	60.02, 7.68, -32.15
CIELCh	60, 33.050, 283.429
Yxy	28.1471, 0.2472, 0.2426
Android (android.graphics.Color)	4286353353 (0xFF7C8FC9)
YUV	143.9310, 28.1350, -17.4795
Hunter-Lab	53.0538, 3.6407, -28.9983

Details

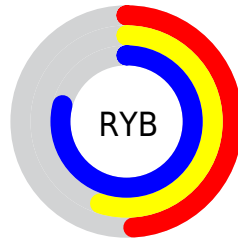
The XYZ color **28.6773, 28.1471, 59.1798** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.4542, 47.3296, 25.8625**, and the grayscale version is **26.3814, 27.7552, 30.2255**.

A 20% lighter version of the original color is **56.6067, 56.7362, 102.5754**, and **11.7793, 11.2749, 29.1592** is the 20% darker color. If you saturate the color by 10%, you get **23.9417, 22.5568, 58.3509**, and if you desaturate by 10%, it is **34.3137, 34.6583, 60.1400**.

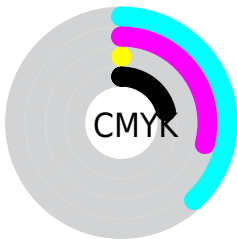
Distribution



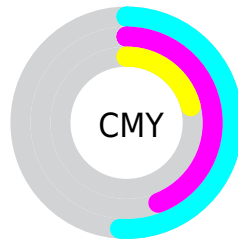
- Red (49%)
- Green (56%)
- Blue (79%)



- Red (49%)
- Yellow (55%)
- Blue (79%)



- Cyan (38%)
- Magenta (29%)
- Yellow (0%)
- Black (21%)



- Cyan (51%)
- Magenta (44%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.6773, 28.1471, 59.1798 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 28.6773, 28.1471, 59.1798 by changing the saturation by 10% instead.

■ 28.6773, 28.1471,
59.1798

■ 28.6773, 28.1471,
59.1798

287.7111,
293.1691, 439.2883

■ 18.9799, 18.4366,
42.3369

■ 56.9651, 56.7192,
105.1706

■ 11.7597, 11.2639,
29.0377

■ 76.2862, 76.3496,
135.1557

■ 6.6513, 6.2446,
18.8635

■ 99.5459, 100.0554,
170.3585

■ 3.2894, 2.9944,
11.3959

127.1096,
128.2209, 211.1976

■ 1.3086, 1.1288,
6.2163

159.3426,
161.2307, 258.0916

■ 0.1896, 0.0024,
2.9061

196.6103,

■ 0.0000, 0.0000,

199.4691, 311.4591

1.0469

239.2780,
243.3204, 371.7184

■ 0.0000, 0.0000,
0.0000

■ 28.6773, 28.1471,
59.1798

■ 28.6773, 28.1471,
59.1798

■ 23.9417, 22.5568,
58.3509

■ 34.3137, 34.6583,
60.1400

■ 20.0554, 17.8411,
57.6455

■ 40.8926, 42.1273,
61.2349

■ 16.9664, 13.9544,
57.0581

■ 48.4566, 50.5928,
62.4703

■ 14.6151, 10.8452,
56.5819

■ 57.0448, 60.0905,
63.8509

■ 12.9328, 8.4554,
56.2093

■ 66.6941, 70.6541,
65.3813

■ 11.8205, 6.7094,
55.9309

■ 77.4396, 82.3158,
67.0659

■ 11.6662, 6.4640,
55.8916

■ 85.6539, 93.2194,
68.7375

■ 87.5427, 96.9971,
69.3672

Harmonies

Analogous

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



24.5100, 28.1471, 58.6710



28.6773, 28.1471, 59.1798



32.7127, 28.1471, 50.7554

Triad

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



28.6773, 28.1471, 59.1798



33.0730, 28.1471, 17.3129



19.7201, 28.1471, 24.4994

Complementary

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



28.6773, 28.1471, 59.1798



44.4542, 47.3296, 25.8625

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.



21.5650, 28.1471, 16.7057



28.6773, 28.1471, 59.1798



29.1288, 28.1471, 13.3644

Square

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



28.6773, 28.1471, 59.1798



35.4244, 28.1471, 25.5725



24.9167, 28.1471, 13.1761



19.6264, 28.1471, 36.3529

Rectangle

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



28.6773, 28.1471, 59.1798



34.6657, 28.1471, 42.2313



24.9167, 28.1471, 13.1761



20.1464, 28.1471, 21.4028

Sweetspot

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



28.6783, 28.1482, 59.1805



79.0990, 82.3152, 106.3272



37.6174, 49.4262, 51.6790



16.5420, 17.1849, 22.6951



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



28.6783, 28.1482, 59.1805



42.2352, 40.1048, 100.1227



29.1223, 24.4955, 58.4520



10.2658, 10.7056, 13.4428



7.3967, 4.1873, 35.1627



0.4095, 0.3168, 1.6847

Inverse Universe

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



36.2538, 28.8171, 29.6391



57.2277, 42.1279, 41.5021



43.7579, 53.1438, 27.0215



10.7394, 10.6792, 11.6111



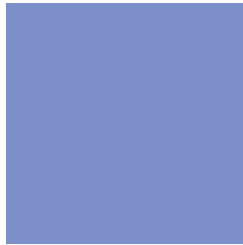
15.5329, 7.9627, 2.7499



0.7654, 0.3890, 0.2877

Previews

White Background



This preview shows how the XYZ color 28.6773, 28.1471, 59.1798 looks on a white background.

Color Contrast Check

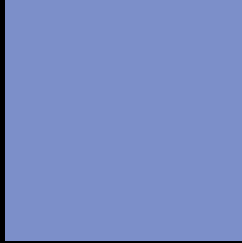
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.6773, 28.1471, 59.1798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

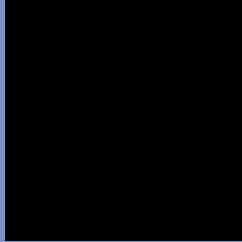
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.6773, 28.1471, 59.1798

Background



This preview shows how black text looks on a background with the XYZ color 28.6773, 28.1471, 59.1798.



This preview shows how white text looks on a background with the XYZ color 28.6773, 28.1471,

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

28.6773, 28.1471, 59.1798

Protanopia

28.8507, 28.0282, 58.5330

Deuteranopia

28.8225, 28.2219, 59.1866



Tritanopia

24.4982, 28.0662, 38.3085

Trichromacy



Original Color

28.6773, 28.1471, 59.1798

Protanomaly

28.7025, 27.9518, 58.5260

Deuteranomaly

28.8225, 28.2219, 59.1866

Tritanomaly

25.7414, 27.8536, 45.0939

Monochromacy



Original Color

28.6773, 28.1471, 59.1798

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.0813, 27.9815, 39.5709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.6773, 28.1471, 59.1798 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(124, 143, 201)` looks like.

```
.text, #text, p{  
    color:rgb(124, 143, 201)  
}
```

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(124, 143, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 143, 201) }
```

Border

The CSS property to change the border of an element to XYZ 28.6773, 28.1471, 59.1798 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(124, 143, 201) }
```


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

```
.border{ border-color:rgb(124, 143, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 143, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 143, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 143, 201);  
box-shadow:4px 4px 4px 4px rgb(124, 143,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 28.6773, 28.1471, 59.1798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 143, 201) }
```

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

```
.background{ background-color: rgb(124,  
143, 201) }
```

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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