

Converting Colors

XYZ(26.9859, 29.1297, 42.6540)

Have a look what the booklet for
XYZ(26.9859, 29.1297, 42.6540)
contains.

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Color

**XYZ(27.0002, 29.0244,
42.7073)**

Conversions

Conversions Part 1

Format	Color
Hex	8095AB
RGB	128, 149, 171
RGB Percent	50%, 58%, 67%
CMY	0.4980, 0.4157, 0.3294
CMYK	0.25, 0.13, 0.00, 0.33
HSL	211°, 20%, 59%
HSV	211°, 25%, 67%
XYZ	27.0002, 29.0244, 42.7073
YIQ	145.2290, -19.5780, 2.3900

Conversions

Conversions Part 2

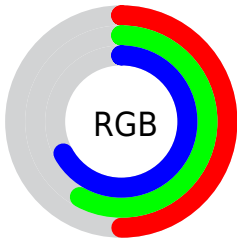
Format	Color
RYB	128, 142, 171
Decimal	8426923
CIELab	60.80, -2.36, -13.98
CIElCh	61, 14.180, 260.406
Yxy	29.0244, 0.2735, 0.2940
Android (android.graphics.Color)	4286617003 (0xFF8095AB)
YUV	145.2290, 12.7051, -15.1098
Hunter-Lab	53.8743, -4.8211, -9.2884

Details

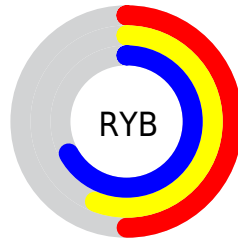
The XYZ color **27.0002, 29.0244, 42.7073** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.5975, 32.0291, 24.9395**, and the grayscale version is **26.9631, 28.3673, 30.8920**.

A 20% lighter version of the original color is **54.1395, 58.0266, 80.2983**, and **10.8393, 11.6870, 19.1373** is the 20% darker color. If you saturate the color by 10%, you get **23.3094, 25.1443, 42.1534**, and if you desaturate by 10%, it is **31.2303, 33.3383, 43.3175**.

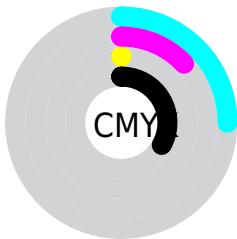
Distribution



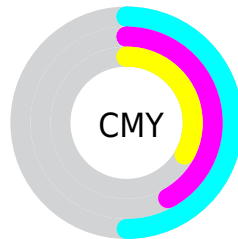
- Red (50%)
- Green (58%)
- Blue (67%)



- Red (50%)
- Yellow (56%)
- Blue (67%)



- Cyan (25%)
- Magenta (13%)
- Yellow (0%)
- Black (33%)



- Cyan (50%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 27.0002, 29.0244, 42.7073 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 27.0002, 29.0244, 42.7073 by changing the saturation by 10% instead.

■ 27.0002, 29.0244,
42.7073

■ 27.0002, 29.0244,
42.7073

279.8256,
297.3301, 373.2924

■ 17.7100, 19.0993,
29.3258

■ 54.3041, 58.1159,
80.5506

■ 10.8404, 11.7420,
19.0797

■ 73.0484, 78.0510,
105.8495

■ 6.0261, 6.5683,
11.5505

■ 95.6748, 102.0915,
135.9579

■ 2.9018, 3.1936,
6.3196

122.5487,
130.6220, 171.2945

■ 1.1020, 1.2336,
2.9685

154.0354,
164.0266, 212.2777

■ 0.0268, 0.0889,
1.0786

190.5002,

■ 0.0000, 0.0000,

202.6900, 259.3260

0.0000

232.3085,
246.9963, 312.8581

■ 27.0002, 29.0244,
42.7073

■ 27.0002, 29.0244,
42.7073

■ 23.3094, 25.1443,
42.1534

■ 31.2303, 33.3383,
43.3175

■ 20.1311, 21.6786,
41.6520

■ 36.0193, 38.0973,
43.9837

■ 17.4404, 18.6119,
41.2018

■ 41.3893, 43.3165,
44.7080

■ 15.2088, 15.9257,
40.8009

■ 47.3601, 49.0093,
45.4922

■ 13.4046, 13.5999,
40.4471

■ 53.9507, 55.1885,
46.3375

■ 11.9916, 11.6121,
40.1379

■ 61.1791, 61.8662,
47.2455

■ 10.9253, 9.9350,
39.8704

■ 69.0627, 69.0543,
48.2174

■ 10.4840, 9.2067,
39.7531

■ 73.9193, 74.8573,
49.0815

■ 76.2617, 79.5422,
49.8623

Harmonies

Analogous

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



25.3886, 29.0244, 40.0892



27.0002, 29.0244, 42.7073



28.8414, 29.0244, 42.1050

Triad

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



27.0002, 29.0244, 42.7073



31.0445, 29.0244, 28.1933



24.9443, 29.0244, 25.5636

Complementary

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



27.0002, 29.0244, 42.7073



31.5975, 32.0291, 24.9395

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.



26.3692, 29.0244, 23.0103



27.0002, 29.0244, 42.7073



29.9084, 29.0244, 24.4071

Square

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



27.0002, 29.0244, 42.7073



31.2319, 29.0244, 33.3251



28.1819, 29.0244, 22.6119



24.2370, 29.0244, 29.9406

Rectangle

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



27.0002, 29.0244, 42.7073



29.9490, 29.0244, 39.9810



28.1819, 29.0244, 22.6119



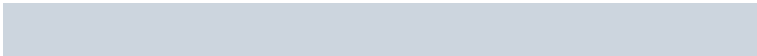
25.3522, 29.0244, 24.4851

Sweetspot

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



27.0011, 29.0256, 42.7080



61.8311, 65.5908, 78.4033



28.9304, 35.9015, 34.0490



13.5019, 14.3430, 17.4445



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



27.0011, 29.0256, 42.7080



44.6798, 48.1454, 75.9400



23.9725, 22.9684, 41.6984



7.8897, 8.3788, 10.1541



7.9557, 7.0452, 29.9851



0.2762, 0.3058, 0.8525

Inverse Universe

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



29.9393, 26.2669, 31.9272



50.9045, 42.6692, 53.0179



35.2543, 39.3428, 26.1585



8.1621, 8.0781, 9.1646



13.8793, 7.0143, 7.0099



0.4138, 0.2062, 0.3410

Previews

White Background



This preview shows how the XYZ color 27.0002, 29.0244, 42.7073 looks on a white background.

Color Contrast Check

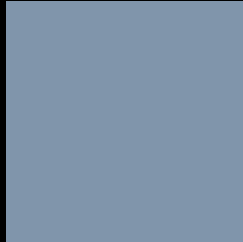
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0002, 29.0244, 42.7073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

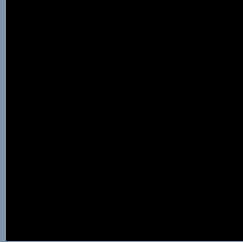
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

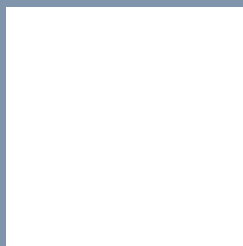
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 27.0002, 29.0244, 42.7073

Background



This preview shows how black text looks on a background with the XYZ color 27.0002, 29.0244, 42.7073.



This preview shows how white text looks on a background with the XYZ color 27.0002, 29.0244,

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

27.0002, 29.0244, 42.7073

Protanopia

28.4422, 28.8662, 41.6088

Deuteranopia

29.4816, 28.9194, 43.0579



Tritanopia

26.0321, 28.8569, 38.3803

Trichromacy



Original Color

27.0002, 29.0244, 42.7073

Protanomaly

27.8511, 28.7784, 42.1171

Deuteranomaly

28.5563, 28.8921, 43.1014

Tritanomaly

26.4503, 29.0413, 39.8088

Monochromacy



Original Color

27.0002, 29.0244, 42.7073

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

26.7591, 28.3798, 34.6393

CSS Examples

Text

The CSS property to change the color of the text to XYZ 27.0002, 29.0244, 42.7073 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(128, 149, 171)` looks like.

```
.text, #text, p{  
    color:rgb(128, 149, 171)  
}
```

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(128, 149, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 149, 171) }
```

Border

The CSS property to change the border of an element to XYZ 27.0002, 29.0244, 42.7073 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(128, 149, 171) }
```


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

```
.border{ border-color:rgb(128, 149, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 149, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 149, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 149, 171);  
box-shadow:4px 4px 4px 4px rgb(128, 149,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 27.0002, 29.0244, 42.7073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 149, 171) }
```

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

```
.background{ background-color: rgb(128,  
149, 171) }
```

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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