

Converting Colors

XYZ(25.2937, 29.4605, 42.8829)

Have a look what the booklet for
XYZ(25.2937, 29.4605, 42.8829)
contains.

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Color

**XYZ(25.2130, 29.3027,
42.8552)**

Conversions

Conversions Part 1

Format	Color
Hex	6D9AAB
RGB	109, 154, 171
RGB Percent	43%, 60%, 67%
CMY	0.5725, 0.3961, 0.3294
CMYK	0.36, 0.10, 0.00, 0.33
HSL	196°, 27%, 55%
HSV	196°, 36%, 67%
XYZ	25.2130, 29.3027, 42.8552
YIQ	142.4830, -32.2770, -4.2530

Conversions

Conversions Part 2

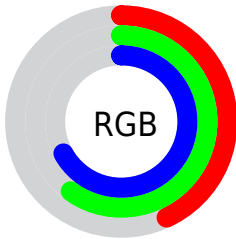
Format	Color
RYB	109, 135, 171
Decimal	7183019
CIELab	61.05, -10.84, -13.73
CIElCh	61, 17.490, 231.715
Yxy	29.3027, 0.2589, 0.3009
Android (android.graphics.Color)	4285373099 (0xFF6D9AAB)
YUV	142.4830, 14.0589, -29.3646
Hunter-Lab	54.1320, -11.5912, -9.0463

Details

The XYZ color **25.2130, 29.3027, 42.8552** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **27.0163, 24.6843, 17.8095**, and the grayscale version is **25.8585, 27.2051, 29.6264**.

A 20% lighter version of the original color is **51.3876, 58.3893, 80.5133**, and **9.9249, 11.9319, 19.2328** is the 20% darker color. If you saturate the color by 10%, you get **22.5520, 26.8052, 42.5139**, and if you desaturate by 10%, it is **28.3153, 32.0740, 43.2271**.

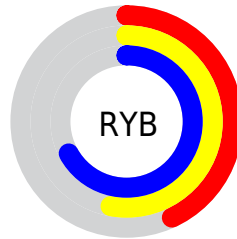
Distribution



Red (43%)

Green (60%)

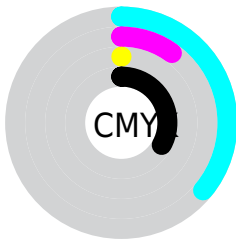
Blue (67%)



Red (43%)

Yellow (53%)

Blue (67%)

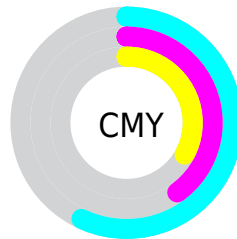


Cyan (36%)

Magenta (10%)

Yellow (0%)

Black (33%)



Cyan (57%)

Magenta (40%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.2130, 29.3027, 42.8552 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 25.2130, 29.3027, 42.8552 by changing the saturation by 10% instead.

■ 25.2130, 29.3027,
42.8552

■ 25.2130, 29.3027,
42.8552

271.2252,
298.6405, 373.9196

■ 16.3654, 19.3099,
29.4410

■ 51.4430, 58.5577,
80.7763

■ 9.8756, 11.8944,
19.1662

■ 69.5560, 78.5887,
106.1203

■ 5.3782, 6.6718,
11.6124

■ 91.4883, 102.7345,
136.2779

■ 2.5078, 3.2577,
6.3610

■ 117.6051,
131.3796, 171.6677

■ 0.8992, 1.2677,
2.9935

148.2719,
164.9084, 212.7082

■ 0.0000, 0.1160,
1.0913

183.8539,

■ 0.0000, 0.0000,

203.7052, 259.8180

0.0000

224.7165,
248.1544, 313.4157

■ 25.2130, 29.3027,
42.8552

■ 25.2130, 29.3027,
42.8552

■ 22.5520, 26.8052,
42.5139

■ 28.3153, 32.0740,
43.2271

■ 20.3054, 24.5649,
42.1999

■ 31.8784, 35.1275,
43.6287

■ 18.4474, 22.5689,
41.9125

■ 35.9239, 38.4756,
44.0617

■ 16.9483, 20.8012,
41.6503

■ 40.4712, 42.1287,
44.5272

■ 15.7732, 19.2433,
41.4116

■ 45.5385, 46.0967,
45.0260

■ 14.8755, 17.8707,
41.1940

■ 51.1433, 50.3890,
45.5591

■ 14.5731, 17.3850,
41.1161

■ 57.3019, 55.0146,
46.1273

■ 64.0303, 59.9821,
46.7315

■ 68.3755, 63.7697,
47.2336

Harmonies

Analogous

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



23.9600, 29.3027, 36.7992



25.2130, 29.3027, 42.8552



27.2221, 29.3027, 46.0717

Triad

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



25.2130, 29.3027, 42.8552



32.4366, 29.3027, 33.7562



26.2548, 29.3027, 21.5714

Complementary

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



25.2130, 29.3027, 42.8552



27.0163, 24.6843, 17.8095

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.



28.4902, 29.3027, 20.9891



25.2130, 29.3027, 42.8552



32.1427, 29.3027, 27.4664

Square

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



25.2130, 29.3027, 42.8552



31.4501, 29.3027, 40.3679



30.6676, 29.3027, 23.0007



24.5381, 29.3027, 24.7173

Rectangle

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



25.2130, 29.3027, 42.8552



28.7544, 29.3027, 45.9046



30.6676, 29.3027, 23.0007



26.9674, 29.3027, 21.0884

Sweetspot

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



25.2139, 29.3038, 42.8559



60.6488, 65.8786, 78.5212



24.6062, 33.8720, 24.8231



13.3150, 14.5171, 17.4880



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.



25.2139, 29.3038, 42.8559



41.0456, 48.6377, 76.2266



20.7992, 20.4743, 41.3843



8.0479, 8.6951, 10.2068



11.0314, 13.1967, 31.0103



0.3493, 0.4520, 0.8768

Inverse Universe

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



28.0967, 21.9292, 33.3250



47.1757, 33.9245, 55.7429



31.5337, 33.7191, 19.3153



8.2420, 8.1100, 9.5850



15.4318, 7.6353, 15.1851



0.4507, 0.2210, 0.5353

Previews

White Background



This preview shows how the XYZ color 25.2130, 29.3027, 42.8552 looks on a white background.

Color Contrast Check

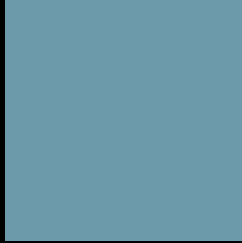
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.2130, 29.3027, 42.8552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

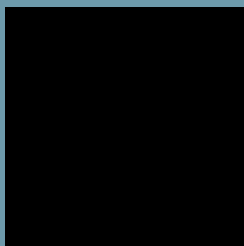
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

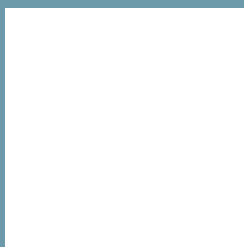
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.2130, 29.3027, 42.8552

Background



This preview shows how black text looks on a background with the XYZ color 25.2130, 29.3027, 42.8552.



This preview shows how white text looks on a background with the XYZ color 25.2130, 29.3027,

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

25.2130, 29.3027, 42.8552

Protanopia

28.6634, 29.2402, 40.2096

Deuteranopia

29.5780, 28.9580, 43.5657



Tritanopia

24.8807, 29.4209, 40.9267

Trichromacy



Original Color

25.2130, 29.3027, 42.8552

Protanomaly

27.1754, 29.1473, 41.2395

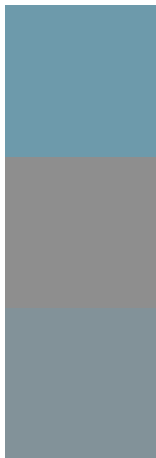
Deuteranomaly

27.7116, 28.9143, 43.1502

Tritanomaly

24.9736, 29.4580, 41.4155

Monochromacy



Original Color

25.2130, 29.3027, 42.8552

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.2346, 27.6035, 34.1350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.2130, 29.3027, 42.8552 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(109, 154, 171)` looks like.

```
.text, #text, p{  
    color:rgb(109, 154, 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(109, 154, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 154, 171) }
```

Border

The CSS property to change the border of an element to XYZ 25.2130, 29.3027, 42.8552 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(109, 154, 171) }
```


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

```
.border{ border-color:rgb(109, 154, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 154, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 154, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 154, 171);  
box-shadow:4px 4px 4px 4px rgb(109, 154,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 25.2130, 29.3027, 42.8552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 154, 171) }
```

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

```
.background{ background-color: rgb(109,  
154, 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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