

Converting Colors

XYZ(26.6806, 29.7804, 42.2862)

Have a look what the booklet for
XYZ(26.6806, 29.7804, 42.2862)
contains.

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Color

**XYZ(26.6730, 29.8223,
42.3807)**

Conversions

Conversions Part 1

Format	Color
Hex	7A99AA
RGB	122, 153, 170
RGB Percent	48%, 60%, 67%
CMY	0.5216, 0.4000, 0.3333
CMYK	0.28, 0.10, 0.00, 0.33
HSL	201°, 22%, 57%
HSV	201°, 28%, 67%
XYZ	26.6730, 29.8223, 42.3807
YIQ	145.6690, -23.9330, -1.2850

Conversions

Conversions Part 2

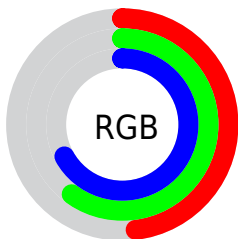
Format	Color
R_{YB}	122, 141, 170
Decimal	8034730
CIE _{Lab}	61.50, -6.70, -12.41
CIE _{LCh}	62, 14.100, 241.617
Yxy	29.8223, 0.2698, 0.3016
Android (android.graphics.Color)	4286224810 (0xFF7A99AA)
YUV	145.6690, 11.9952, -20.7577
Hunter-Lab	54.6098, -8.3826, -7.7860

Details

The XYZ color **26.6730, 29.8223, 42.3807** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **29.3235, 28.4168, 22.3527**, and the grayscale version is **27.1464, 28.5602, 31.1020**.

A 20% lighter version of the original color is **53.5826, 59.1758, 79.8321**, and **10.6939, 12.1885, 18.9285** is the 20% darker color. If you saturate the color by 10%, you get **23.5128, 26.7677, 41.9582**, and if you desaturate by 10%, it is **30.3059, 33.1958, 42.8409**.

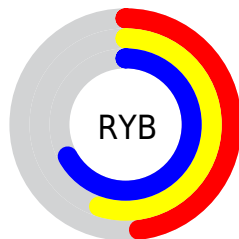
Distribution



Red (48%)

Green (60%)

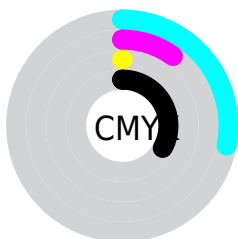
Blue (67%)



Red (48%)

Yellow (55%)

Blue (67%)

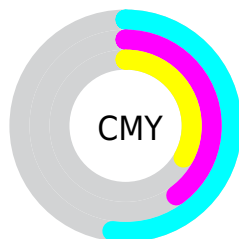


Cyan (28%)

Magenta (10%)

Yellow (0%)

Black (33%)



Cyan (52%)

Magenta (40%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.6730, 29.8223, 42.3807 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 26.6730, 29.8223, 42.3807 by changing the saturation by 10% instead.

■ 26.6730, 29.8223,
42.3807

■ 26.6730, 29.8223,
42.3807

278.2669,
301.0753, 371.9048

■ 17.4631, 19.7037,
29.0717

■ 53.7823, 59.3810,
80.0518

■ 10.6626, 12.1799,
18.8890

■ 72.4124, 79.5900,
105.2509

■ 5.9060, 6.8663,
11.4141

■ 94.9133, 103.9313,
135.2506

■ 2.8281, 3.3786,
6.2284

121.6503,
132.7892, 170.4692

■ 1.0635, 1.3325,
2.9135

152.9888,
166.5481, 211.3254

■ 0.0000, 0.1661,
1.0506

189.2942,

■ 0.0000, 0.0000,

205.5925, 258.2377

0.0000

230.9317,
250.3068, 311.6247

■ 26.6730, 29.8223,
42.3807

■ 26.6730, 29.8223,
42.3807

■ 23.5128, 26.7677,
41.9582

■ 30.3059, 33.1958,
42.8409

■ 20.7998, 24.0157,
41.5700

■ 34.4297, 36.8966,
43.3378

■ 18.5103, 21.5537,
41.2154

■ 39.0650, 40.9369,
43.8734

■ 16.6171, 19.3664,
40.8930

■ 44.2306, 45.3275,
44.4486

■ 15.0895, 17.4370,
40.6011

■ 49.9439, 50.0785,
45.0645

■ 13.8917, 15.7458,
40.3378

■ 56.2218, 55.1993,
45.7221

■ 12.9625, 14.2600,
40.1000

■ 63.0804, 60.6993,
46.4222

■ 12.8098, 14.0104,
40.0599

■ 69.4212, 66.0131,
47.1137

■ 70.8539, 68.8785,
47.5912

Harmonies

Analogous

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



25.3972, 29.8223, 38.1639



26.6730, 29.8223, 42.3807



28.4466, 29.8223, 43.8687

Triad

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



26.6730, 29.8223, 42.3807



32.0865, 29.8223, 32.1822



26.5049, 29.8223, 24.4808

Complementary

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



26.6730, 29.8223, 42.3807



29.3235, 28.4168, 22.3527

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.



28.2440, 29.8223, 23.2418



26.6730, 29.8223, 42.3807



31.5129, 29.8223, 27.3752

Square

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



26.6730, 29.8223, 42.3807



31.6217, 29.8223, 37.6071



30.0859, 29.8223, 24.2413



25.3032, 29.8223, 27.8260

Rectangle

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



26.6730, 29.8223, 42.3807



29.6882, 29.8223, 42.9960



30.0859, 29.8223, 24.2413



27.0434, 29.8223, 23.8218

Sweetspot

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



26.6739, 29.8235, 42.3814



62.5390, 67.0067, 78.6393



27.0471, 34.7459, 29.6314



13.6869, 14.7128, 17.5062



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.



26.6739, 29.8235, 42.3814



44.6397, 50.5074, 76.3980



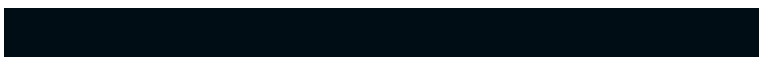
23.1591, 22.7940, 41.2098



7.5207, 8.0783, 9.5812



9.4768, 10.4139, 29.4861



0.2760, 0.3443, 0.7326

Inverse Universe

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



29.2877, 24.7659, 33.3749



50.2881, 40.1401, 56.8087



33.1527, 36.0752, 23.6291



7.7274, 7.6208, 8.8817



14.2841, 7.1223, 11.5734



0.3705, 0.1825, 0.4024

Previews

White Background



This preview shows how the XYZ color 26.6730, 29.8223, 42.3807 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 26.6730, 29.8223, 42.3807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

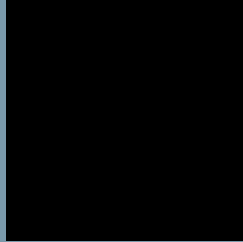
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

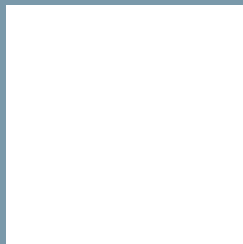
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.6730, 29.8223, 42.3807

Background



This preview shows how black text looks on a background with the XYZ color 26.6730, 29.8223, 42.3807.



This preview shows how white text looks on a background with the XYZ color 26.6730, 29.8223,

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

26.6730, 29.8223, 42.3807

Protanopia

28.9937, 29.6404, 40.2694

Deuteranopia

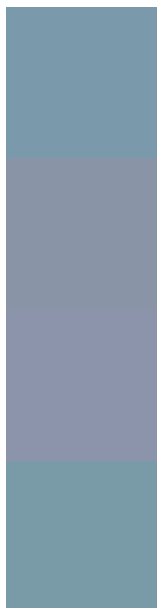
30.3343, 29.8087, 43.1846



Tritanopia

26.3237, 29.9293, 40.4659

Trichromacy



Original Color

26.6730, 29.8223, 42.3807

Protanomaly

28.0390, 29.6033, 40.7954

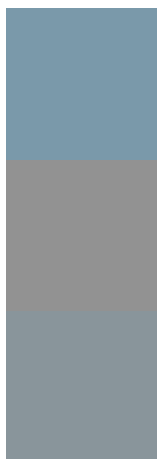
Deuteranomaly

28.7558, 29.6955, 42.7443

Tritanomaly

26.4158, 29.9662, 40.9510

Monochromacy



Original Color

26.6730, 29.8223, 42.3807

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.9804, 29.1798, 35.2206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.6730, 29.8223, 42.3807 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(122, 153, 170)` looks like.

```
.text, #text, p{  
    color:rgb(122, 153, 170)  
}
```

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(122, 153, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 153, 170) }
```

Border

The CSS property to change the border of an element to XYZ 26.6730, 29.8223, 42.3807 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(122, 153, 170) }
```


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

```
.border{ border-color:rgb(122, 153, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 153, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 153, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 153, 170);  
box-shadow:4px 4px 4px 4px rgb(122, 153,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 26.6730, 29.8223, 42.3807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 153, 170) }
```

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

```
.background{ background-color: rgb(122,  
153, 170) }
```

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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