

Converting Colors

XYZ(25.9494, 31.7911, 42.8989)

Have a look what the booklet for
XYZ(25.9494, 31.7911, 42.8989)
contains.

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Color

**XYZ(25.8849, 31.6860,
42.7819)**

Conversions

Conversions Part 1

Format	Color
Hex	68A2AA
RGB	104, 162, 170
RGB Percent	41%, 64%, 67%
CMY	0.5921, 0.3647, 0.3333
CMYK	0.39, 0.05, 0.00, 0.33
HSL	187°, 28%, 54%
HSV	187°, 39%, 67%
XYZ	25.8849, 31.6860, 42.7819
YIQ	145.5700, -37.1360, -9.8080

Conversions

Conversions Part 2

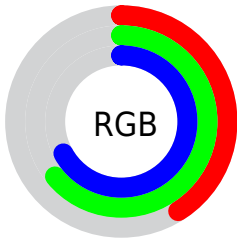
Format	Color
RYB	104, 135, 170
Decimal	6857386
CIELab	63.08, -16.78, -10.14
CIElCh	63, 19.602, 211.140
Yxy	31.6860, 0.2579, 0.3157
Android (android.graphics.Color)	4285047466 (0xFF68A2AA)
YUV	145.5700, 12.0440, -36.4569
Hunter-Lab	56.2903, -16.4255, -5.6585

Details

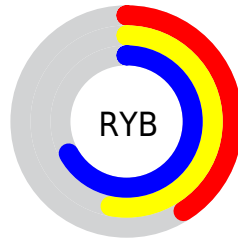
The XYZ color **25.8849, 31.6860, 42.7819** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **24.8708, 21.1341, 15.8658**, and the grayscale version is **27.1097, 28.5215, 31.0600**.

A 20% lighter version of the original color is **52.5040, 62.3311, 80.4980**, and **10.2112, 13.1637, 19.1422** is the 20% darker color. If you saturate the color by 10%, you get **23.7474, 30.0505, 42.5794**, and if you desaturate by 10%, it is **28.4281, 33.5410, 43.0065**.

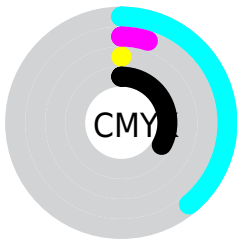
Distribution



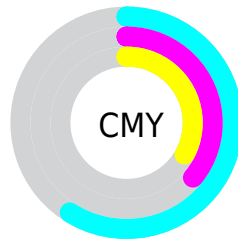
- Red (41%)
- Green (64%)
- Blue (67%)



- Red (41%)
- Yellow (53%)
- Blue (67%)



- Cyan (39%)
- Magenta (5%)
- Yellow (0%)
- Black (33%)



- Cyan (59%)
- Magenta (36%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.8849, 31.6860, 42.7819 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 25.8849, 31.6860, 42.7819 by changing the saturation by 10% instead.

■ 25.8849, 31.6860,
42.7819

■ 25.8849, 31.6860,
42.7819

274.4837,
309.6864, 373.6089

■ 16.8698, 21.1218,
29.3839

■ 52.5218, 62.3185,
80.6645

■ 10.2364, 13.2130,
19.1234

■ 70.8744, 83.1556,
105.9861

■ 5.6195, 7.5754,
11.5817

■ 93.0701, 108.1857,
136.1193

■ 2.6535, 3.8245,
6.3405

■ 119.4743,
137.7934, 171.4828

■ 0.9733, 1.5759,
2.9811

150.4524,
172.3628, 212.4949

■ 0.0000, 0.3413,
1.0850

186.3698,

■ 0.0000, 0.0000,

212.2786, 259.5743

0.0000

227.5917,
257.9250, 313.1394

■ 25.8849, 31.6860,
42.7819

■ 25.8849, 31.6860,
42.7819

■ 23.7474, 30.0505,
42.5794

■ 28.4281, 33.5410,
43.0065

■ 21.9886, 28.6182,
42.3957

■ 31.3961, 35.6231,
43.2519

■ 20.5828, 27.3767,
42.2301

■ 34.8104, 37.9442,
43.5200

■ 19.4998, 26.3103,
42.0814

■ 38.6901, 40.5142,
43.8115

■ 18.7044, 25.4007,
41.9477

■ 43.0532, 43.3423,
44.1275

■ 18.1302, 24.6139,
41.8261

■ 47.9167, 46.4375,
44.4686

■ 18.0666, 24.5239,
41.8121

■ 53.2968, 49.8080,
44.8356

■ 59.2090, 53.4620,
45.2293

■ 64.9272, 57.0251,
45.6156

Harmonies

Analogous

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



25.2149, 31.6860, 34.7976



25.8849, 31.6860, 42.7819



27.6778, 31.6860, 49.2423

Triad

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



25.8849, 31.6860, 42.7819



34.9000, 31.6860, 42.1926



30.0133, 31.6860, 21.6596

Complementary

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



25.8849, 31.6860, 42.7819



24.8708, 21.1341, 15.8658

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.



32.6946, 31.6860, 23.0407



25.8849, 31.6860, 42.7819



35.6156, 31.6860, 34.2054

Square

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



25.8849, 31.6860, 42.7819



32.8841, 31.6860, 48.8679



34.7860, 31.6860, 27.3636



27.5088, 31.6860, 23.2677

Rectangle

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



25.8849, 31.6860, 42.7819



29.3234, 31.6860, 51.3905



34.7860, 31.6860, 27.3636



30.9239, 31.6860, 21.7878

Sweetspot

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



25.8859, 31.6872, 42.7826



60.9628, 67.3654, 78.7916



22.9922, 32.8563, 20.3725



13.4196, 14.9038, 17.5571



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.



25.8859, 31.6872, 42.7826



43.4321, 54.7942, 77.2891



20.8551, 21.6257, 41.1057



7.6688, 8.3746, 9.6306



13.3169, 18.0941, 30.7661



0.3450, 0.4822, 0.7555

Inverse Universe

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



28.0502, 21.0560, 36.7696



48.0426, 32.9783, 64.2940



29.1564, 29.7054, 17.2943



7.8022, 7.6507, 9.2755



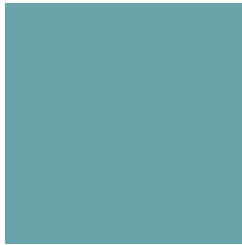
16.2224, 7.8977, 21.7803



0.4053, 0.1964, 0.5857

Previews

White Background



This preview shows how the XYZ color 25.8849, 31.6860, 42.7819 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 25.8849, 31.6860, 42.7819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

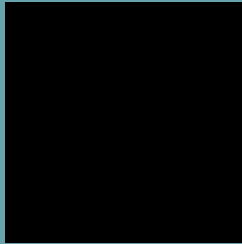
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 25.8849, 31.6860, 42.7819

Background



This preview shows how black text looks on a background with the XYZ color 25.8849, 31.6860, 42.7819.

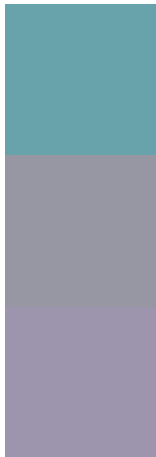


This preview shows how white text looks on a background with the XYZ color 25.8849, 31.6860,

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

25.8849, 31.6860, 42.7819

Protanopia

30.4400, 31.3569, 39.0985

Deuteranopia

32.0374, 31.3650, 43.9007



Tritanopia

26.2105, 31.5490, 44.7525

Trichromacy



Original Color

25.8849, 31.6860, 42.7819

Protanomaly

28.4358, 31.2642, 40.6123

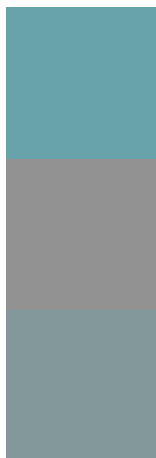
Deuteranomaly

29.3189, 31.1643, 43.4998

Tritanomaly

26.1134, 31.5101, 44.2409

Monochromacy



Original Color

25.8849, 31.6860, 42.7819

Achromatopsia

27.3213, 28.7441, 31.3023

Achromatomaly

26.5047, 29.6483, 35.3361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.8849, 31.6860, 42.7819 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(104, 162, 170)` looks like.

```
.text, #text, p{  
    color:rgb(104, 162, 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(104, 162, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(104, 162, 170) }
```

Border

The CSS property to change the border of an element to XYZ 25.8849, 31.6860, 42.7819 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(104, 162, 170) }
```


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

```
.border{ border-color:rgb(104, 162, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(104, 162, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(104, 162, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(104, 162, 170);  
box-shadow:4px 4px 4px 4px rgb(104, 162,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 25.8849, 31.6860, 42.7819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(104, 162, 170) }
```

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

```
.background{ background-color: rgb(104,  
162, 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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