

Converting Colors

XYZ(25.6939, 28.2343, 42.5487)

Have a look what the booklet for
XYZ(25.6939, 28.2343, 42.5487)
contains.

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Color

**XYZ(25.6863, 28.1132,
42.6006)**

Conversions

Conversions Part 1

Format	Color
Hex	7894AB
RGB	120, 148, 171
RGB Percent	47%, 58%, 67%
CMY	0.5294, 0.4196, 0.3294
CMYK	0.30, 0.13, 0.00, 0.33
HSL	207°, 23%, 57%
HSV	207°, 30%, 67%
XYZ	25.6863, 28.1132, 42.6006
YIQ	142.2500, -24.0710, 1.2170

Conversions

Conversions Part 2

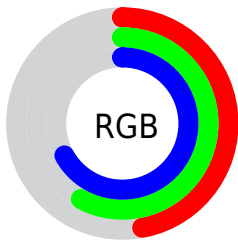
Format	Color
R_{YB}	120, 138, 171
Decimal	7902379
CIE _{Lab}	59.99, -4.28, -15.26
CIE _{LCh}	60, 15.850, 254.324
Yxy	28.1132, 0.2665, 0.2916
Android (android.graphics.Color)	4286092459 (0xFF7894AB)
YUV	142.2500, 14.1738, -19.5132
Hunter-Lab	53.0219, -6.3145, -10.5214

Details

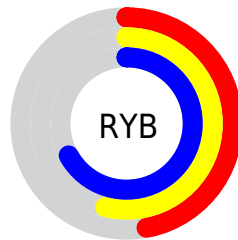
The XYZ color **25.6863, 28.1132, 42.6006** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **30.0075, 29.6590, 21.9131**, and the grayscale version is **25.7633, 27.1050, 29.5173**.

A 20% lighter version of the original color is **52.0816, 56.6163, 80.1345**, and **10.1303, 11.1834, 19.0775** is the 20% darker color. If you saturate the color by 10%, you get **22.3538, 24.6597, 42.1101**, and if you desaturate by 10%, it is **29.5246, 31.9485, 43.1391**.

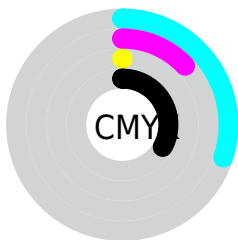
Distribution



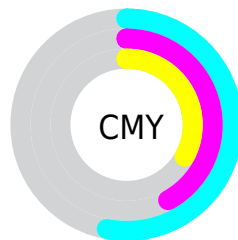
- Red (47%)
- Green (58%)
- Blue (67%)



- Red (47%)
- Yellow (54%)
- Blue (67%)



- Cyan (30%)
- Magenta (13%)
- Yellow (0%)
- Black (33%)



- Cyan (53%)
- Magenta (42%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 25.6863, 28.1132, 42.6006 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 25.6863, 28.1132, 42.6006 by changing the saturation by 10% instead.

■ 25.6863, 28.1132,
42.6006

■ 25.6863, 28.1132,
42.6006

273.5238,
293.0074, 372.8395

■ 16.7206, 18.4110,
29.2428

■ 52.2034, 56.6651,
80.3877

■ 10.1295, 11.2455,
19.0174

■ 70.4854, 76.2836,
105.6540

■ 5.5478, 6.2322,
11.5059

■ 92.6035, 99.9764,
135.7270

■ 2.6102, 2.9868,
6.2898

118.9232,
128.1278, 171.0250

■ 0.9511, 1.1248,
2.9504

149.8097,
161.1222, 211.9668

■ 0.0000, 0.0000,
1.0694

185.6284,

■ 0.0000, 0.0000,

199.3440, 258.9708

0.0000

226.7446,
243.1776, 312.4555

■ 25.6863, 28.1132,
42.6006

■ 25.6863, 28.1132,
42.6006

■ 22.3538, 24.6597,
42.1101

■ 29.5246, 31.9485,
43.1391

■ 19.5005, 21.5698,
41.6641

■ 33.8886, 36.1760,
43.7250

■ 17.1010, 18.8289,
41.2615

■ 38.8000, 40.8097,
44.3606

■ 15.1263, 16.4194,
40.9005

■ 44.2787, 45.8621,
45.0470

■ 13.5436, 14.3219,
40.5791

■ 50.3434, 51.3449,
45.7857

■ 12.3146, 12.5141,
40.2949

■ 57.0119, 57.2693,
46.5777

■ 11.3594, 10.9521,
40.0438

■ 64.3013, 63.6460,
47.4244

■ 11.3436, 10.9259,
40.0395

■ 71.5616, 70.1419,
48.2955

■ 73.5079, 74.0346,
48.9443

Harmonies

Analogous

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



24.0407, 28.1132, 39.0472



25.6863, 28.1132, 42.6006



27.6920, 28.1132, 42.6852

Triad

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



25.6863, 28.1132, 42.6006



30.6581, 28.1132, 27.9435



24.1010, 28.1132, 23.3310

Complementary

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



25.6863, 28.1132, 42.6006



30.0075, 29.6590, 21.9131

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.



25.7725, 28.1132, 21.0591



25.6863, 28.1132, 42.6006



29.5930, 28.1132, 23.4860

Square

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



25.6863, 28.1132, 42.6006



30.6322, 28.1132, 33.7114



27.7826, 28.1132, 21.1120



23.1573, 28.1132, 27.7059

Rectangle

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



25.6863, 28.1132, 42.6006



28.9682, 28.1132, 40.7323



27.7826, 28.1132, 21.1120



24.5926, 28.1132, 22.3219

Sweetspot

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



25.6872, 28.1143, 42.6012



61.2459, 65.3174, 78.3814



27.2633, 35.1011, 31.3056



13.3953, 14.3149, 17.4447



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.



25.6872, 28.1143, 42.6012



41.8414, 46.0635, 75.6877



22.1243, 20.9885, 41.4136



7.9296, 8.4587, 10.1674



8.6045, 8.3428, 30.2013



0.2930, 0.3394, 0.8581

Inverse Universe

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



28.8570, 24.2297, 31.1741



48.5943, 38.3853, 51.2102



34.2711, 38.1862, 23.3343



8.1823, 8.0862, 9.2708



14.2068, 7.1453, 8.7343



0.4223, 0.2096, 0.3856

Previews

White Background



This preview shows how the XYZ color 25.6863, 28.1132, 42.6006 looks on a white background.

Color Contrast Check

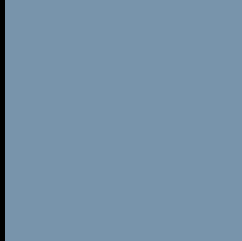
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6863, 28.1132, 42.6006 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

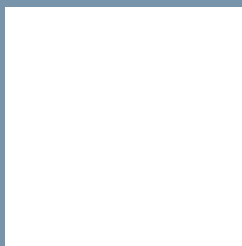
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 25.6863, 28.1132, 42.6006

Background



This preview shows how black text looks on a background with the XYZ color 25.6863, 28.1132, 42.6006.



This preview shows how white text looks on a background with the XYZ color 25.6863, 28.1132,

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

25.6863, 28.1132, 42.6006

Protanopia

27.7056, 28.0475, 40.9993

Deuteranopia

28.4729, 27.9576, 42.9254



Tritanopia

24.8991, 28.2729, 38.3273

Trichromacy



Original Color

25.6863, 28.1132, 42.6006

Protanomaly

26.9597, 28.1019, 41.5394

Deuteranomaly

27.4113, 28.0760, 43.0042

Tritanomaly

25.1467, 28.1334, 39.7022

Monochromacy



Original Color

25.6863, 28.1132, 42.6006

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.5545, 27.3148, 34.0624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 25.6863, 28.1132, 42.6006 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(120, 148, 171)` looks like.

```
.text, #text, p{  
    color:rgb(120, 148, 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(120, 148, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 148, 171) }
```

Border

The CSS property to change the border of an element to XYZ 25.6863, 28.1132, 42.6006 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(120, 148, 171) }
```


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

```
.border{ border-color:rgb(120, 148, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 148, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 148, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 148, 171);  
box-shadow:4px 4px 4px 4px rgb(120, 148,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 25.6863, 28.1132, 42.6006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 148, 171) }
```

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

```
.background{ background-color: rgb(120,  
148, 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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