

Converting Colors

XYZ(24.2348, 28.7015, 42.5913)

Have a look what the booklet for
XYZ(24.2348, 28.7015, 42.5913)
contains.

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Color

**XYZ(24.3858, 28.8763,
42.8165)**

Conversions

Conversions Part 1

Format	Color
Hex	669AAB
RGB	102, 154, 171
RGB Percent	40%, 60%, 67%
CMY	0.6000, 0.3961, 0.3294
CMYK	0.40, 0.10, 0.00, 0.33
HSL	195°, 29%, 54%
HSV	195°, 40%, 67%
XYZ	24.3858, 28.8763, 42.8165
YIQ	140.3900, -36.4490, -5.7370

Conversions

Conversions Part 2

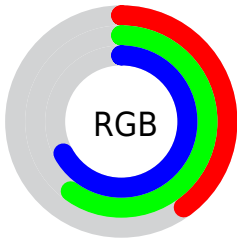
Format	Color
RYB	102, 132, 171
Decimal	6724267
CIELab	60.67, -12.77, -14.33
CIELCh	61, 19.196, 228.298
Yxy	28.8763, 0.2538, 0.3005
Android (android.graphics.Color)	4284914347 (0xFF669AAB)
YUV	140.3900, 15.0907, -33.6680
Hunter-Lab	53.7367, -13.0356, -9.6256

Details

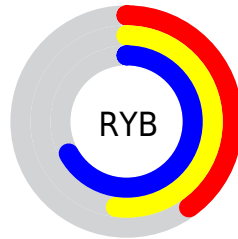
The XYZ color **24.3858, 28.8763, 42.8165** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **25.7902, 22.8113, 15.6149**, and the grayscale version is **25.0330, 26.3366, 28.6806**.

A 20% lighter version of the original color is **49.9936, 57.6707, 80.4481**, and **9.4466, 11.6854, 19.2104** is the 20% darker color. If you saturate the color by 10%, you get **21.9612, 26.6128, 42.5079**, and if you desaturate by 10%, it is **27.2364, 31.3969, 43.1533**.

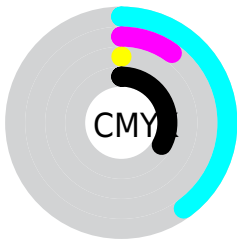
Distribution



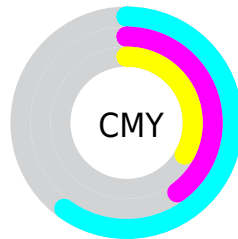
- Red (40%)
- Green (60%)
- Blue (67%)



- Red (40%)
- Yellow (52%)
- Blue (67%)



- Cyan (40%)
- Magenta (10%)
- Yellow (0%)
- Black (33%)



- Cyan (60%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.3858, 28.8763, 42.8165 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 24.3858, 28.8763, 42.8165 by changing the saturation by 10% instead.

■ 24.3858, 28.8763,
42.8165

■ 24.3858, 28.8763,
42.8165

267.1696,
296.6309, 373.7556

■ 15.7463, 18.9873,
29.4108

■ 50.1091, 57.8805,
80.7173

■ 9.4345, 11.6611,
19.1436

■ 67.9237, 77.7644,
106.0494

■ 5.0851, 6.5133,
11.5962

■ 89.5274, 101.7488,
136.1942

■ 2.3325, 3.1597,
6.3502

■ 115.2856,
130.2180, 171.5701

■ 0.8112, 1.2156,
2.9869

145.5635,
163.5564, 212.5956

■ 0.0000, 0.0744,
1.0880

180.7266,

■ 0.0000, 0.0000,

202.1484, 259.6893

0.0000

221.1402,
246.3784, 313.2698

■ 24.3858, 28.8763,
42.8165

■ 24.3858, 28.8763,
42.8165

■ 21.9612, 26.6128,
42.5079

■ 27.2364, 31.3969,
43.1533

■ 19.9348, 24.5899,
42.2242

■ 30.5331, 34.1834,
43.5174

■ 18.2798, 22.7939,
41.9648

■ 34.2980, 37.2483,
43.9105

■ 16.9647, 21.2082,
41.7281

■ 38.5510, 40.6020,
44.3337

■ 15.9524, 19.8134,
41.5122

■ 43.3106, 44.2546,
44.7879

■ 15.1844, 18.6076,
41.3199

■ 48.5946, 48.2154,
45.2739

■ 54.4195, 52.4935,
45.7926

■ 60.8014, 57.0973,
46.3449

■ 67.4223, 61.8634,
46.9159

Harmonies

Analogous

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



23.1511, 28.8763, 35.9407



24.3858, 28.8763, 42.8165



26.4875, 28.8763, 46.8511

Triad

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



24.3858, 28.8763, 42.8165



32.4006, 28.8763, 34.3020



25.9717, 28.8763, 20.1476

Complementary

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



24.3858, 28.8763, 42.8165



25.7902, 22.8113, 15.6149

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.



28.4275, 28.8763, 19.8459



24.3858, 28.8763, 42.8165



32.2418, 28.8763, 27.3341

Square

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



24.3858, 28.8763, 42.8165



31.1739, 28.8763, 41.4619



30.7522, 28.8763, 22.2837



24.0279, 28.8763, 23.1814

Rectangle

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



24.3858, 28.8763, 42.8165



28.1421, 28.8763, 47.0357



30.7522, 28.8763, 22.2837



26.7616, 28.8763, 19.7421

Sweetspot

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



24.3867, 28.8774, 42.8172



60.1041, 65.6478, 78.5054



23.3191, 33.2616, 22.3626



13.2090, 14.4828, 17.4870



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.



24.3867, 28.8774, 42.8172



39.9360, 48.2421, 76.2087



19.5956, 19.2952, 41.2201



8.0667, 8.7328, 10.2131



11.4896, 14.1130, 31.1630



0.3592, 0.4718, 0.8801

Inverse Universe

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



27.3795, 20.4946, 33.0859



46.1705, 31.8182, 55.7037



30.5194, 32.2697, 17.1913



8.2515, 8.1138, 9.6350



15.6630, 7.7278, 16.4029



0.4557, 0.2230, 0.5616

Previews

White Background



This preview shows how the XYZ color 24.3858, 28.8763, 42.8165 looks on a white background.

Color Contrast Check

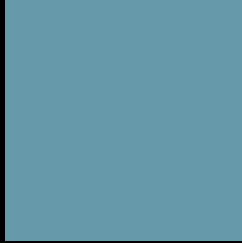
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3858, 28.8763, 42.8165 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

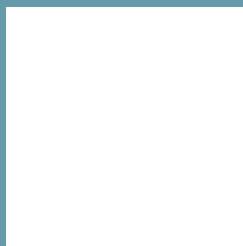
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.3858, 28.8763, 42.8165

Background



This preview shows how black text looks on a background with the XYZ color 24.3858, 28.8763, 42.8165.



This preview shows how white text looks on a background with the XYZ color 24.3858, 28.8763,

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

24.3858, 28.8763, 42.8165

Protanopia

28.2446, 28.8071, 39.6690

Deuteranopia

29.0699, 28.4741, 43.4991



Tritanopia

24.0632, 28.9994, 40.8884

Trichromacy



Original Color

24.3858, 28.8763, 42.8165

Protanomaly

26.4670, 28.5590, 40.6767

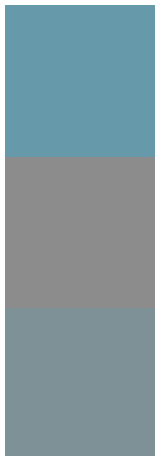
Deuteranomaly

26.9312, 28.2822, 43.0693

Tritanomaly

24.1561, 29.0365, 41.3772

Monochromacy



Original Color

24.3858, 28.8763, 42.8165

Achromatopsia

24.9269, 26.2251, 28.5591

Achromatomaly

24.3155, 26.9208, 33.1928

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.3858, 28.8763, 42.8165 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(102, 154, 171)` looks like.

```
.text, #text, p{  
    color:rgb(102, 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(102, 154, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 154, 171) }
```

Border

The CSS property to change the border of an element to XYZ 24.3858, 28.8763, 42.8165 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(102, 154, 171) }
```


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

```
.border{ border-color:rgb(102, 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(102, 154, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 154, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 154, 171);  
box-shadow:4px 4px 4px 4px rgb(102, 154,  
171) }
```

Background

The CSS property to change the background color of an element to XYZ 24.3858, 28.8763, 42.8165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 154, 171) }
```

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

```
.background{ background-color: rgb(102,  
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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