

Converting Colors

XYZ(24.7861, 28.1984, 29.0606)

Have a look what the booklet for
XYZ(24.7861, 28.1984, 29.0606)
contains.

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Color

**XYZ(24.6870, 28.1342,
28.9402)**

Conversions

Conversions Part 1

Format	Color
Hex	82958C
RGB	130, 149, 140
RGB Percent	51%, 58%, 55%
CMY	0.4902, 0.4157, 0.4510
CMYK	0.13, 0.00, 0.06, 0.42
HSL	152°, 8%, 55%
HSV	152°, 13%, 58%
XYZ	24.6870, 28.1342, 28.9402
YIQ	142.2930, -8.4350, -6.8270

Conversions

Conversions Part 2

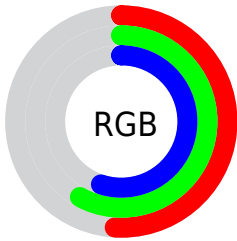
Format	Color
R_{YB}	130, 142, 149
Decimal	8557964
CIE Lab	60.01, -8.61, 2.46
CIE LCh	60, 8.956, 164.055
Yxy	28.1342, 0.3019, 0.3441
Android (android.graphics.Color)	4286748044 (0xFF82958C)
YUV	142.2930, -1.1304, -10.7810
Hunter-Lab	53.0417, -9.7443, 4.7798

Details

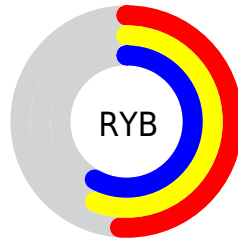
The XYZ color **24.6870, 28.1342, 28.9402** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.0383, 24.2196, 27.7827**, and the grayscale version is **25.8346, 27.1800, 29.5990**.

A 20% lighter version of the original color is **50.6220, 56.6742, 59.3101**, and **9.6065, 11.2229, 11.3328** is the 20% darker color. If you saturate the color by 10%, you get **22.0611, 26.8395, 26.1871**, and if you desaturate by 10%, it is **27.6789, 29.6153, 31.8860**.

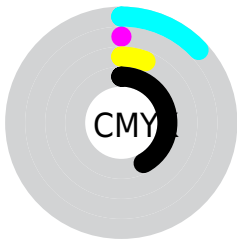
Distribution



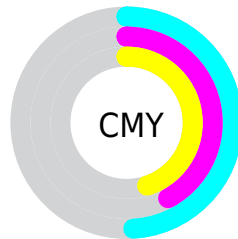
- Red (51%)
- Green (58%)
- Blue (55%)



- Red (51%)
- Yellow (56%)
- Blue (58%)



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (42%)



- Cyan (49%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.6870, 28.1342, 28.9402 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 24.6870, 28.1342, 28.9402 by changing the saturation by 10% instead.

■ 24.6870, 28.1342,
28.9402

■ 24.6870, 28.1342,
28.9402

268.6521,
293.1076, 310.9848

■ 15.9715, 18.4268,
18.7904

■ 50.5955, 56.6986,
59.0231

■ 9.5947, 11.2569,
11.3436

■ 68.5193, 76.3245,
79.7933

■ 5.1913, 6.2399,
6.1814

■ 90.2432, 100.0253,
104.9407

■ 2.3958, 2.9915,
2.8851

116.1326,
128.1855, 134.8839

■ 0.8430, 1.1273,
1.0363

146.5528,
161.1894, 170.0413

■ 0.0000, 0.0011,
0.0000

181.8692,

■ 0.0000, 0.0000,

199.4215, 210.8316

0.0000

222.4472,
243.2661, 257.6732

■ 24.6870, 28.1342,
28.9402

■ 24.6870, 28.1342,
28.9402

■ 22.0611, 26.8395,
26.1871

■ 27.6789, 29.6153,
31.8860

■ 19.7841, 25.7201,
23.6208

■ 31.0483, 31.2862,
35.0264

■ 17.8408, 24.7690,
21.2379

■ 34.8092, 33.1550,
38.3657

■ 16.2143, 23.9776,
19.0342

■ 38.9741, 35.2280,
41.9074

■ 14.8857, 23.3363,
17.0051

■ 43.5549, 37.5114,
45.6552

■ 13.8345, 22.8344,
15.1462

■ 48.5632, 40.0108,
49.6123

■ 13.0369, 22.4599,
13.4525

■ 54.0099, 42.7320,
53.7820

■ 12.4652, 22.1985,
11.9187

■ 59.9055, 45.6804,
58.1677

■ 12.1380, 22.0520,
10.9022

■ 62.8311, 47.0933,
62.6119

Harmonies

Analogous

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



25.2446, 28.1342, 26.3377



24.6870, 28.1342, 28.9402



24.6693, 28.1342, 32.1841

Triad

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



24.6870, 28.1342, 28.9402



27.2769, 28.1342, 37.1388



28.3479, 28.1342, 26.4703

Complementary

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



24.6870, 28.1342, 28.9402



25.0383, 24.2196, 27.7827

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.



28.9250, 28.1342, 29.1332



24.6870, 28.1342, 28.9402



28.2948, 28.1342, 35.3724

Square

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



24.6870, 28.1342, 28.9402



26.1428, 28.1342, 37.0779



28.9053, 28.1342, 32.3913



27.3477, 28.1342, 24.9825

Rectangle

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



24.6870, 28.1342, 28.9402



24.9646, 28.1342, 34.2868



28.9053, 28.1342, 32.3913



28.5991, 28.1342, 27.2491

Sweetspot

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



24.6878, 28.1354, 28.9408



48.8169, 52.6630, 56.3803



25.4558, 28.6127, 25.3006



10.7322, 11.6281, 12.4113



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



24.6878, 28.1354, 28.9408



42.9493, 49.7614, 50.5362



25.3291, 28.3119, 32.5650



5.8494, 6.5164, 6.8180



10.2304, 18.5649, 9.2547



0.1401, 0.2332, 0.1918

Inverse Universe

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



25.0383, 24.2196, 27.7827



43.6897, 41.4904, 48.0900



24.4494, 24.0516, 24.4733



5.9083, 5.8584, 6.6234



11.3927, 5.7621, 5.5487



0.1542, 0.0764, 0.1454

Previews

White Background



This preview shows how the XYZ color 24.6870, 28.1342, 28.9402 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 24.6870, 28.1342, 28.9402 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

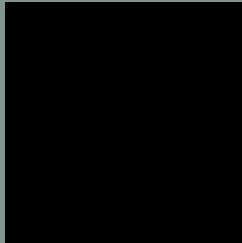
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

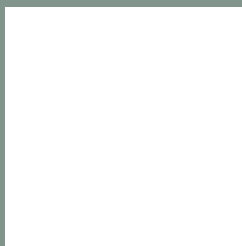
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.6870, 28.1342, 28.9402

Background



This preview shows how black text looks on a background with the XYZ color 24.6870, 28.1342, 28.9402.



This preview shows how white text looks on a background with the XYZ color 24.6870, 28.1342,

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

24.6870, 28.1342, 28.9402

Protanopia

26.8830, 28.1422, 27.6820

Deuteranopia

28.5586, 28.0801, 29.5060



Tritanopia

26.1233, 28.0129, 36.3779

Trichromacy



Original Color

24.6870, 28.1342, 28.9402

Protanomaly

26.0217, 28.1435, 28.1055

Deuteranomaly

26.8429, 27.8639, 29.1628

Tritanomaly

25.5354, 28.0073, 33.3383

Monochromacy



Original Color

24.6870, 28.1342, 28.9402

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

25.4143, 27.5772, 29.1827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.6870, 28.1342, 28.9402 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(130, 149, 140)` looks like.

```
.text, #text, p{  
    color:rgb(130, 149, 140)  
}
```

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(130, 149, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 149, 140) }
```

Border

The CSS property to change the border of an element to XYZ 24.6870, 28.1342, 28.9402 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(130, 149, 140) }
```


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

```
.border{ border-color:rgb(130, 149, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 149, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 149, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 149, 140);  
box-shadow:4px 4px 4px 4px rgb(130, 149,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 24.6870, 28.1342, 28.9402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 149, 140) }
```

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

```
.background{ background-color: rgb(130,  
149, 140) }
```

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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