

Converting Colors

XYZ(24.8940, 27.9689, 29.5685)

Have a look what the booklet for
XYZ(24.8940, 27.9689, 29.5685)
contains.

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Color

**XYZ(24.9881, 28.0383,
29.6861)**

Conversions

Conversions Part 1

Format	Color
Hex	84948E
RGB	132, 148, 142
RGB Percent	52%, 58%, 56%
CMY	0.4823, 0.4196, 0.4431
CMYK	0.11, 0.00, 0.04, 0.42
HSL	157°, 7%, 55%
HSV	157°, 11%, 58%
XYZ	24.9881, 28.0383, 29.6861
YIQ	142.5320, -7.6100, -5.2580

Conversions

Conversions Part 2

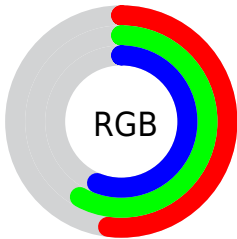
Format	Color
R_{YB}	132, 142, 148
Decimal	8688782
CIE _{Lab}	59.92, -6.95, 1.22
CIE _{LCh}	60, 7.053, 170.073
Yxy	28.0383, 0.3021, 0.3390
Android (android.graphics.Color)	4286878862 (0xFF84948E)
YUV	142.5320, -0.2623, -9.2366
Hunter-Lab	52.9512, -8.4290, 3.8260

Details

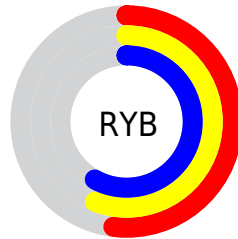
The XYZ color **24.9881, 28.0383, 29.6861** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.0524, 24.6341, 27.4805**, and the grayscale version is **25.9258, 27.2760, 29.7036**.

A 20% lighter version of the original color is **51.0919, 56.5409, 60.4452**, and **9.6861, 11.1159, 11.7603** is the 20% darker color. If you saturate the color by 10%, you get **22.4295, 26.7671, 27.4449**, and if you desaturate by 10%, it is **27.8974, 29.4895, 32.0533**.

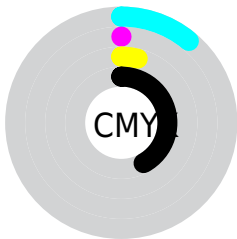
Distribution



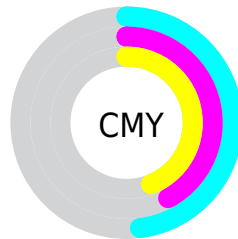
- Red (52%)
- Green (58%)
- Blue (56%)



- Red (52%)
- Yellow (56%)
- Blue (58%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (42%)



- Cyan (48%)
- Magenta (42%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.9881, 28.0383, 29.6861 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 24.9881, 28.0383, 29.6861 by changing the saturation by 10% instead.

■ 24.9881, 28.0383,
29.6861

■ 24.9881, 28.0383,
29.6861

270.1274,
292.6499, 314.6002

■ 16.1969, 18.3545,
19.3504

■ 51.0809, 56.5456,
60.2205

■ 9.7553, 11.2048,
11.7444

■ 69.1133, 76.1379,
81.2564

■ 5.2980, 6.2048,
6.4495

■ 90.9567, 99.8018,
106.6960

■ 2.4597, 2.9700,
3.0471

116.9765,
127.9218, 136.9580

■ 0.8750, 1.1161,
1.1187

147.5382,
160.8822, 172.4609

■ 0.0000, 0.0000,
0.0000

183.0070,

199.0674, 213.6232

223.7483,
242.8618, 260.8634

■ 24.9881, 28.0383,
29.6861

■ 24.9881, 28.0383,
29.6861

■ 22.4295, 26.7671,
27.4449

■ 27.8974, 29.4895,
32.0533

■ 20.2053, 25.6650,
25.3255

■ 31.1683, 31.1239,
34.5468

■ 18.3010, 24.7256,
23.3264

■ 34.8141, 32.9491,
37.1692

■ 16.7007, 23.9406,
21.4451

■ 38.8468, 34.9713,
39.9226

■ 15.3865, 23.3008,
19.6791

■ 43.2776, 37.1962,
42.8090

■ 14.3388, 22.7963,
18.0258

■ 48.1176, 39.6294,
45.8302

■ 13.5356, 22.4155,
16.4824

■ 53.3772, 42.2764,
48.9882

■ 12.9506, 22.1451,
15.0458

■ 59.0665, 45.1422,
52.2847

■ 12.5436, 21.9621,
13.8157

■ 61.3408, 46.2450,
55.5413

Harmonies

Analogous

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



25.3500, 28.0383, 27.4701



24.9881, 28.0383, 29.6861



25.0637, 28.0383, 32.2541

Triad

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



24.9881, 28.0383, 29.6861



27.2453, 28.0383, 35.4024



27.7708, 28.0383, 26.8990

Complementary

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



24.9881, 28.0383, 29.6861



25.0524, 24.6341, 27.4805

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.



28.3009, 28.0383, 28.8664



24.9881, 28.0383, 29.6861



27.9928, 28.0383, 33.8069

Square

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



24.9881, 28.0383, 29.6861



26.3536, 28.0383, 35.6522



28.3831, 28.0383, 31.3876



26.9477, 28.0383, 25.9216

Rectangle

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



24.9881, 28.0383, 29.6861



25.3527, 28.0383, 33.8171



28.3831, 28.0383, 31.3876



27.9899, 28.0383, 27.4611

Sweetspot

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



24.9889, 28.0395, 29.6867



48.0128, 51.4273, 55.5958



25.2590, 28.2616, 25.9540



10.8680, 11.6937, 12.6174



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.



24.9889, 28.0395, 29.6867



42.9283, 48.8939, 51.3899



25.1614, 27.6437, 32.0279



5.8728, 6.5257, 6.9410



10.7272, 18.7637, 11.8711



0.1456, 0.2354, 0.2208

Inverse Universe

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



25.0524, 24.6341, 27.4805



43.0637, 41.6456, 46.6943



24.8852, 24.9759, 25.3395



5.8854, 5.8492, 6.5027



11.0436, 5.6225, 3.7108



0.1486, 0.0742, 0.1164

Previews

White Background



This preview shows how the XYZ color 24.9881, 28.0383, 29.6861 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 24.9881, 28.0383, 29.6861 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 24.9881, 28.0383, 29.6861

Background



This preview shows how black text looks on a background with the XYZ color 24.9881, 28.0383, 29.6861.



This preview shows how white text looks on a background with the XYZ color 24.9881, 28.0383,

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

24.9881, 28.0383, 29.6861

Protanopia

26.8462, 28.1065, 28.4362

Deuteranopia

28.5127, 28.0389, 30.2948



Tritanopia

26.3564, 28.1430, 35.9413

Trichromacy



Original Color

24.9881, 28.0383, 29.6861

Protanomaly

26.0144, 27.8950, 28.8241

Deuteranomaly

27.1748, 28.0177, 29.9623

Tritanomaly

25.9327, 28.2028, 33.7826

Monochromacy



Original Color

24.9881, 28.0383, 29.6861

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.7308, 27.7229, 29.9815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.9881, 28.0383, 29.6861 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(132, 148, 142) looks like.

```
.text, #text, p{  
    color:rgb(132, 148, 142)  
}
```

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(132, 148, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 148, 142) }
```

Border

The CSS property to change the border of an element to XYZ 24.9881, 28.0383, 29.6861 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(132, 148, 142) }
```


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

```
.border{ border-color:rgb(132, 148, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 148, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 148, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 148, 142);  
box-shadow:4px 4px 4px 4px rgb(132, 148,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 24.9881, 28.0383, 29.6861 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 148, 142) }
```

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

```
.background{ background-color: rgb(132,  
148, 142) }
```

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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