

Converting Colors

XYZ(24.2644, 24.0728, 29.9001)

Have a look what the booklet for
XYZ(24.2644, 24.0728, 29.9001)
contains.

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Color

**XYZ(24.2698, 24.1789,
29.7734)**

Conversions

Conversions Part 1

Format	Color
Hex	8D8490
RGB	141, 132, 144
RGB Percent	55%, 52%, 56%
CMY	0.4471, 0.4823, 0.4353
CMYK	0.02, 0.08, 0.00, 0.44
HSL	285°, 5%, 54%
HSV	285°, 8%, 56%
XYZ	24.2698, 24.1789, 29.7734
YIQ	136.0590, 1.5120, 5.6400

Conversions

Conversions Part 2

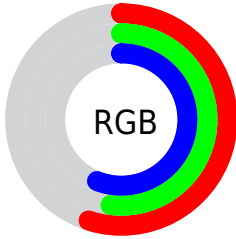
Format	Color
R_{YB}	141, 132, 144
Decimal	9274512
CIE Lab	56.27, 5.72, -5.22
CIE LCh	56, 7.738, 317.618
Yxy	24.1789, 0.3103, 0.3091
Android (android.graphics.Color)	4287464592 (0xFF8D8490)
YUV	136.0590, 3.9149, 4.3333
Hunter-Lab	49.1720, 2.0510, -1.4793

Details

The XYZ color **24.2698, 24.1789, 29.7734** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.1308, 26.7640, 25.7252**, and the grayscale version is **23.4098, 24.6290, 26.8210**.

A 20% lighter version of the original color is **50.0477, 50.3772, 60.5121**, and **9.4280, 9.2188, 11.8722** is the 20% darker color. If you saturate the color by 10%, you get **21.8481, 20.2295, 29.1391**, and if you desaturate by 10%, it is **26.9823, 28.6797, 30.4995**.

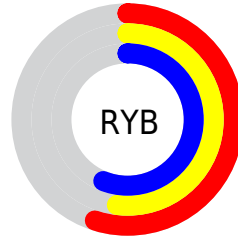
Distribution



Red (55%)

Green (52%)

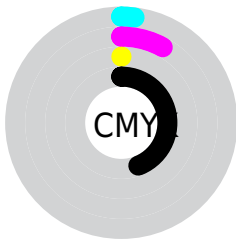
Blue (56%)



Red (55%)

Yellow (52%)

Blue (56%)

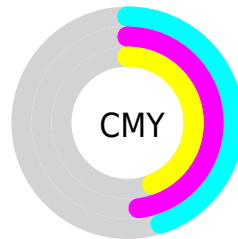


Cyan (2%)

Magenta (8%)

Yellow (0%)

Black (44%)



Cyan (45%)

Magenta (48%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2698, 24.1789, 29.7734 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 24.2698, 24.1789, 29.7734 by changing the saturation by 10% instead.

■ 24.2698, 24.1789,
29.7734

■ 24.2698, 24.1789,
29.7734

266.5969,
273.7237, 315.0211

■ 15.6597, 15.4664,
19.4161

■ 49.9216, 50.3220,
60.3604

■ 9.3730, 9.1474,
11.7915

■ 67.6940, 68.5213,
81.4272

■ 5.0443, 4.8374,
6.4810

■ 89.2512, 90.6518,
106.9008

■ 2.3083, 2.1522,
3.0662

114.9586,
117.0976, 137.1998

■ 0.7989, 0.6937,
1.1286

145.1815,
148.2434, 172.7429

■ 0.0000, 0.0000,
0.0000

180.2853,

184.4734, 213.9484

220.6353,
226.1720, 261.2350

■ 24.2698, 24.1789,
29.7734

■ 24.2698, 24.1789,
29.7734

■ 21.8481, 20.2295,
29.1391

■ 26.9823, 28.6797,
30.4995

■ 19.7041, 16.8065,
28.5914

■ 29.9942, 33.7497,
31.3194

■ 17.8265, 13.8872,
28.1269

■ 33.3160, 39.4095,
32.2368

■ 16.2024, 11.4464,
27.7413

■ 36.9573, 45.6779,
33.2548

■ 14.8179, 9.4563,
27.4302

■ 40.9271, 52.5728,
34.3764

■ 13.6578, 7.8867,
27.1884

■ 45.2343, 60.1114,
35.6045

■ 12.7045, 6.7032,
27.0102

■ 49.8871, 68.3101,
36.9418

■ 11.9382, 5.8659,
26.8889

■ 54.8936, 77.1849,
38.3909

■ 11.3168, 5.2912,
26.8108

■ 58.1184, 82.4646,
39.2400

Harmonies

Analogous

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



23.5036, 24.1789, 31.2839



24.2698, 24.1789, 29.7734



24.6951, 24.1789, 27.3925

Triad

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



24.2698, 24.1789, 29.7734



23.3505, 24.1789, 21.8205



21.3873, 24.1789, 27.8394

Complementary

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



24.2698, 24.1789, 29.7734



24.1308, 26.7640, 25.7252

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.



21.3487, 24.1789, 25.2889



24.2698, 24.1789, 29.7734



22.4668, 24.1789, 21.9230

Square

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



24.2698, 24.1789, 29.7734



24.1552, 24.1789, 22.8672



21.7393, 24.1789, 23.1569



21.8461, 24.1789, 30.1187

Rectangle

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



24.2698, 24.1789, 29.7734



24.7211, 24.1789, 25.6818



21.7393, 24.1789, 23.1569



21.3252, 24.1789, 26.9824

Sweetspot

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



24.2705, 24.1799, 29.7739



45.7549, 47.5242, 53.2996



23.2427, 24.3041, 29.8521



10.5071, 10.9225, 12.2267



69.3244, 72.9347, 79.4259



10.7221, 11.2805, 12.2844

Same Dimension

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



24.2705, 24.1799, 29.7739



41.9682, 41.2691, 52.2918



24.5762, 24.3620, 28.6850



5.4964, 5.4441, 6.7899



9.7903, 4.5407, 23.3375



0.1137, 0.0538, 0.2241

Inverse Universe

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



24.1269, 24.1823, 26.3191



41.6678, 41.2776, 44.8967



23.8490, 26.5963, 26.7256



5.4608, 5.4448, 5.9244



10.3016, 5.2777, 1.9738



0.1062, 0.0536, 0.0597

Previews

White Background



This preview shows how the XYZ color 24.2698, 24.1789, 29.7734 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 24.2698, 24.1789, 29.7734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

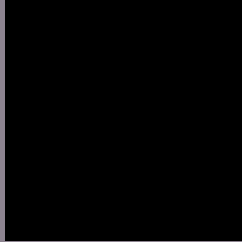
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2698, 24.1789, 29.7734

Background



This preview shows how black text looks on a background with the XYZ color 24.2698, 24.1789, 29.7734.



This preview shows how white text looks on a background with the XYZ color 24.2698, 24.1789,

29.7734.

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

24.2698, 24.1789, 29.7734

Protanopia

23.4674, 24.1629, 30.2151

Deuteranopia

24.6519, 24.1755, 29.7526



Tritanopia

24.1937, 24.1484, 29.3726

Trichromacy



Original Color

24.2698, 24.1789, 29.7734

Protanomaly

23.8149, 24.1378, 30.1919

Deuteranomaly

24.4780, 24.0859, 29.7445

Tritanomaly

24.1937, 24.1484, 29.3726

Monochromacy



Original Color

24.2698, 24.1789, 29.7734

Achromatopsia

23.4014, 24.6201, 26.8113

Achromatomaly

23.8054, 24.5953, 27.9188

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2698, 24.1789, 29.7734 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(141, 132, 144)` looks like.

```
.text, #text, p{  
    color:rgb(141, 132, 144)  
}
```

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(141, 132, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 132, 144) }
```

Border

The CSS property to change the border of an element to XYZ 24.2698, 24.1789, 29.7734 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(141, 132, 144) }
```


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

```
.border{ border-color:rgb(141, 132, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 132, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 132, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 132, 144);  
box-shadow:4px 4px 4px 4px rgb(141, 132,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2698, 24.1789, 29.7734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 132, 144) }
```

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

```
.background{ background-color: rgb(141,  
132, 144) }
```

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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