

Converting Colors

XYZ(24.7450, 28.7270, 25.3075)

Have a look what the booklet for
XYZ(24.7450, 28.7270, 25.3075)
contains.

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Color

**XYZ(24.7687, 28.7315,
25.3594)**

Conversions

Conversions Part 1

Format	Color
Hex	859782
RGB	133, 151, 130
RGB Percent	52%, 59%, 51%
CMY	0.4784, 0.4078, 0.4902
CMYK	0.12, 0.00, 0.14, 0.41
HSL	111°, 9%, 55%
HSV	111°, 14%, 59%
XYZ	24.7687, 28.7315, 25.3594
YIQ	143.2240, -3.9870, -10.3470

Conversions

Conversions Part 2

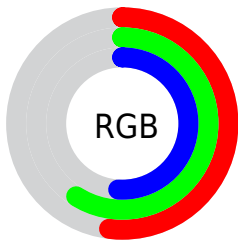
Format	Color
R_{YB}	130, 151, 148
Decimal	8755074
CIE Lab	60.54, -10.56, 8.92
CIE LCh	61, 13.825, 139.819
Yxy	28.7315, 0.3141, 0.3643
Android (android.graphics.Color)	4286945154 (0xFF859782)
YUV	143.2240, -6.5194, -8.9664
Hunter-Lab	53.6018, -11.3205, 9.4707

Details

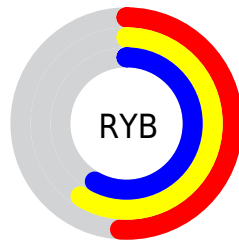
The XYZ color **24.7687, 28.7315, 25.3594** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.7826, 24.4964, 32.6491**, and the grayscale version is **26.2249, 27.5907, 30.0462**.

A 20% lighter version of the original color is **50.6283, 57.5206, 53.2339**, and **9.6097, 11.5474, 9.5070** is the 20% darker color. If you saturate the color by 10%, you get **21.9096, 27.3670, 20.3174**, and if you desaturate by 10%, it is **28.0301, 30.2878, 31.1980**.

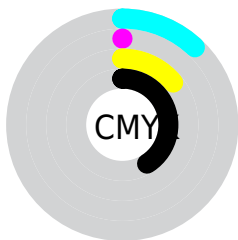
Distribution



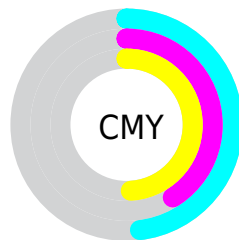
- Red (52%)
- Green (59%)
- Blue (51%)



- Red (51%)
- Yellow (59%)
- Blue (58%)



- Cyan (12%)
- Magenta (0%)
- Yellow (14%)
- Black (41%)



- Cyan (48%)
- Magenta (41%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.7687, 28.7315, 25.3594 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 24.7687, 28.7315, 25.3594 by changing the saturation by 10% instead.

■ 24.7687, 28.7315,
25.3594

■ 24.7687, 28.7315,
25.3594

269.0530,
295.9460, 293.1278

■ 16.0326, 18.8778,
16.1236

■ 50.7273, 57.6502,
53.2110

■ 9.6382, 11.5820,
9.4563

■ 68.6806, 77.4840,
72.6639

■ 5.2202, 6.4597,
4.9392

■ 90.4370, 101.4133,
96.3595

■ 2.4131, 3.1266,
2.1535

116.3618,
129.8225, 124.7164

■ 0.8516, 1.1982,
0.6473

146.8205,
163.0960, 158.1532

■ 0.0000, 0.0602,
0.0000

182.1784,

■ 0.0000, 0.0000,

201.6181, 197.0883

0.0000

222.8008,
245.7733, 241.9403

■ 24.7687, 28.7315,
25.3594

■ 24.7687, 28.7315,
25.3594

■ 21.9096, 27.3670,
20.3174

■ 28.0301, 30.2878,
31.1980

■ 19.4347, 26.1834,
16.0356

■ 31.7060, 32.0391,
37.8635

■ 17.3284, 25.1741,
12.4778

■ 35.8114, 33.9932,
45.3872

■ 15.5727, 24.3308,
9.6039

■ 40.3593, 36.1563,
53.7980

■ 14.1483, 23.6445,
7.3700

■ 45.3627, 38.5344,
63.1236

■ 13.0341, 23.1053,
5.7271

■ 50.8337, 41.1332,
73.3903

■ 12.2061, 22.7022,
4.6192

■ 56.7840, 43.9583,
84.6235

■ 11.6370, 22.4224,
3.9788

■ 63.2250, 47.0148,
96.8476

■ 11.3885, 22.3001,
3.7041

■ 68.3616, 49.5857,
100.5757

Harmonies

Analogous

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



26.1609, 28.7315, 22.9160



24.7687, 28.7315, 25.3594



24.0670, 28.7315, 29.5779

Triad

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



24.7687, 28.7315, 25.3594



26.7061, 28.7315, 41.9926



30.6670, 28.7315, 28.0673

Complementary

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



24.7687, 28.7315, 25.3594



25.7826, 24.4964, 32.6491

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.



30.8286, 28.7315, 33.0539



24.7687, 28.7315, 25.3594



28.4890, 28.7315, 41.4745

Square

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



24.7687, 28.7315, 25.3594



25.1528, 28.7315, 39.4125



30.0161, 28.7315, 38.0655



29.5838, 28.7315, 24.3574

Rectangle

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



24.7687, 28.7315, 25.3594



24.0635, 28.7315, 32.9905



30.0161, 28.7315, 38.0655



30.8327, 28.7315, 29.6368

Sweetspot

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



24.7695, 28.7327, 25.3600



50.0894, 54.1882, 55.6771



27.3595, 29.3252, 25.3379



11.2853, 12.2689, 12.4757



72.9764, 76.7769, 83.6100



11.9732, 12.5967, 13.7178

Same Dimension

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



24.7695, 28.7327, 25.3600



42.5197, 50.5772, 42.1578



24.8140, 28.6966, 28.0307



6.2102, 6.9658, 6.6231



9.7037, 18.9783, 3.1517



0.1635, 0.2932, 0.0480

Inverse Universe

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



25.7826, 24.4964, 32.6491



44.7286, 41.3376, 58.0552



25.7535, 24.5483, 29.6276



6.3745, 6.2789, 7.8050



12.5288, 5.9099, 25.3881



0.2081, 0.0991, 0.3805

Previews

White Background



This preview shows how the XYZ color 24.7687, 28.7315, 25.3594 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 24.7687, 28.7315, 25.3594 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

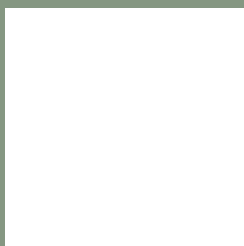
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 24.7687, 28.7315, 25.3594

Background



This preview shows how black text looks on a background with the XYZ color 24.7687, 28.7315, 25.3594.



This preview shows how white text looks on a background with the XYZ color 24.7687, 28.7315,

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

24.7687, 28.7315, 25.3594

Protanopia

27.0930, 28.5554, 24.1625

Deuteranopia

29.2068, 28.7150, 25.8330



Tritanopia

27.1730, 28.7739, 36.9226

Trichromacy



Original Color

24.7687, 28.7315, 25.3594

Protanomaly

26.1841, 28.5369, 24.5502

Deuteranomaly

27.3590, 28.6618, 25.5630

Tritanomaly

26.0885, 28.5522, 32.1531

Monochromacy



Original Color

24.7687, 28.7315, 25.3594

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

25.5138, 27.8817, 28.0817

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.7687, 28.7315, 25.3594 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(133, 151, 130)` looks like.

```
.text, #text, p{  
    color:rgb(133, 151, 130)  
}
```

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(133, 151, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 151, 130) }
```

Border

The CSS property to change the border of an element to XYZ 24.7687, 28.7315, 25.3594 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(133, 151, 130) }
```


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

```
.border{ border-color:rgb(133, 151, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 151, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 151, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 151, 130);  
box-shadow:4px 4px 4px 4px rgb(133, 151,  
130) }
```

Background

The CSS property to change the background color of an element to XYZ 24.7687, 28.7315, 25.3594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 151, 130) }
```

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

```
.background{ background-color: rgb(133,  
151, 130) }
```

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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