

Converting Colors

XYZ(28.2338, 28.9024, 24.8595)

Have a look what the booklet for
XYZ(28.2338, 28.9024, 24.8595)
contains.

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Color

**XYZ(28.2338, 28.9024,
24.8595)**

Conversions

Conversions Part 1

Format	Color
Hex	9F9081
RGB	159, 144, 129
RGB Percent	62%, 56%, 51%
CMY	0.3765, 0.4353, 0.4941
CMYK	0.00, 0.09, 0.19, 0.38
HSL	30°, 14%, 56%
HSV	30°, 19%, 62%
XYZ	28.2338, 28.9024, 24.8595
YIQ	146.7750, 13.7550, -1.4850

Conversions

Conversions Part 2

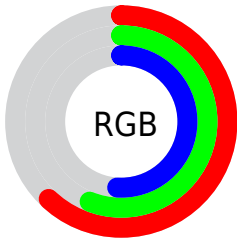
Format	Color
R_{YB}	159, 159, 129
Decimal	10457217
CIE _{Lab}	60.70, 3.03, 10.00
CIE _{LCh}	61, 10.445, 73.122
Yxy	28.9024, 0.3443, 0.3525
Android (android.graphics.Color)	4288647297 (0xFF9F9081)
YUV	146.7750, -8.7631, 10.7213
Hunter-Lab	53.7610, -0.3383, 10.2165

Details

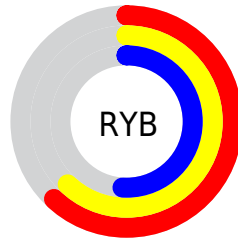
The XYZ color **28.2338, 28.9024, 24.8595** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **25.2844, 27.1163, 36.7025**, and the grayscale version is **27.6719, 29.1130, 31.7041**.

A 20% lighter version of the original color is **56.3691, 58.0617, 52.4920**, and **11.5141, 11.7104, 9.2429** is the 20% darker color. If you saturate the color by 10%, you get **26.0965, 26.1895, 19.3323**, and if you desaturate by 10%, it is **30.6219, 31.8533, 31.2825**.

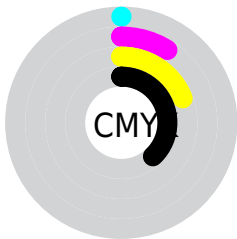
Distribution



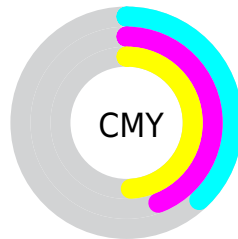
- Red (62%)
- Green (56%)
- Blue (51%)



- Red (62%)
- Yellow (62%)
- Blue (51%)



- Cyan (0%)
- Magenta (9%)
- Yellow (19%)
- Black (38%)



- Cyan (38%)
- Magenta (44%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.2338, 28.9024, 24.8595 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 28.2338, 28.9024, 24.8595 by changing the saturation by 10% instead.

■ 28.2338, 28.9024,
24.8595

■ 28.2338, 28.9024,
24.8595

285.6423,
296.7542, 290.5628

■ 18.6433, 19.0070,
15.7543

■ 56.2635, 57.9220,
52.3905

■ 11.5153, 11.6753,
9.1980

■ 75.4335, 77.8150,
71.6534

■ 6.4844, 6.5230,
4.7720

■ 98.5274, 101.8092,
95.1393

■ 3.1852, 3.1656,
2.0577

125.9105,
130.2892, 123.2668

■ 1.2525, 1.2188,
0.5904

157.9481,
163.6393, 156.4543

■ 0.1472, 0.0770,
0.0000

195.0058,

■ 0.0000, 0.0000,

202.2439, 195.1204

0.0000

237.4487,
246.4874, 239.6838

■ 28.2338, 28.9024,
24.8595

■ 28.2338, 28.9024,
24.8595

■ 26.0965, 26.1895,
19.3323

■ 30.6219, 31.8533,
31.2825

■ 24.1984, 23.7041,
14.6584

■ 33.2673, 35.0444,
38.6373

■ 22.5303, 21.4407,
10.7949

■ 36.1791, 38.4831,
46.9602

■ 21.0814, 19.3921,
7.6941

■ 39.3651, 42.1749,
56.2850

■ 19.8399, 17.5504,
5.3033

■ 42.8330, 46.1254,
66.6440

■ 18.7927, 15.9072,
3.5633

■ 46.5899, 50.3399,
78.0679

■ 17.9247, 14.4532,
2.4045

■ 50.6429, 54.8236,
90.5860

■ 17.2073, 13.1734,
1.6875

■ 54.8046, 59.5038,
103.2046

■ 17.1316, 13.0377,
1.6136

■ 56.7864, 63.4674,
103.8652

Harmonies

Analogous

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



29.4156, 28.9024, 26.6426



28.2338, 28.9024, 24.8595



26.8839, 28.9024, 24.7516

Triad

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



28.2338, 28.9024, 24.8595



25.0122, 28.9024, 33.1934



29.2895, 28.9024, 37.2327

Complementary

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



28.2338, 28.9024, 24.8595



25.2844, 27.1163, 36.7025

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.



28.0663, 28.9024, 39.3054



28.2338, 28.9024, 24.8595



25.6138, 28.9024, 36.8475

Square

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



28.2338, 28.9024, 24.8595



25.0537, 28.9024, 29.3540



26.7218, 28.9024, 39.1589



30.0387, 28.9024, 33.6849

Rectangle

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



28.2338, 28.9024, 24.8595



26.0725, 28.9024, 25.6283



26.7218, 28.9024, 39.1589



28.9184, 28.9024, 38.1376

Sweetspot

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



28.2346, 28.9037, 24.8601



56.0984, 58.5758, 59.4810



27.1827, 25.0854, 29.7952



12.5846, 13.1298, 13.2370



76.7382, 80.7346, 87.9200



13.3056, 13.9985, 15.2444

Same Dimension

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



28.2346, 28.9037, 24.8601



48.7609, 49.4905, 39.8033



30.6590, 33.7525, 25.6682



6.8934, 7.1667, 7.0057



13.5728, 10.3811, 1.2884



0.2850, 0.2702, 0.0371

Inverse Universe

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



25.2844, 27.1163, 36.7025



42.4049, 45.6396, 65.3178



23.1619, 22.8712, 35.9950



6.5449, 6.9556, 8.4043



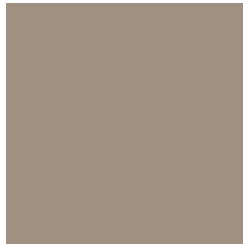
7.2206, 6.5328, 26.7876



0.1714, 0.2014, 0.4931

Previews

White Background



This preview shows how the XYZ color 28.2338, 28.9024, 24.8595 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 28.2338, 28.9024, 24.8595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

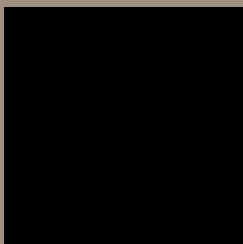
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

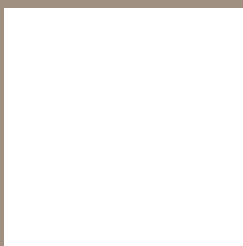
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 28.2338, 28.9024, 24.8595

Background



This preview shows how black text looks on a background with the XYZ color 28.2338, 28.9024, 24.8595.



This preview shows how white text looks on a background with the XYZ color 28.2338, 28.9024,

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

28.2338, 28.9024, 24.8595

Protanopia

27.4450, 28.9418, 25.2589

Deuteranopia

29.4905, 28.8769, 25.1386



Tritanopia

30.0927, 28.9981, 33.7169

Trichromacy



Original Color

28.2338, 28.9024, 24.8595

Protanomaly

27.6722, 28.8311, 25.2256

Deuteranomaly

29.0121, 28.8502, 25.1586

Tritanomaly

29.4050, 28.9367, 30.4211

Monochromacy



Original Color

28.2338, 28.9024, 24.8595

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.7750, 29.0305, 28.9505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.2338, 28.9024, 24.8595 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(159, 144, 129)` looks like.

```
.text, #text, p{  
    color:rgb(159, 144, 129)  
}
```

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(159, 144, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 144, 129) }
```

Border

The CSS property to change the border of an element to XYZ 28.2338, 28.9024, 24.8595 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(159, 144, 129) }
```


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

```
.border{ border-color:rgb(159, 144, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 144, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(159, 144, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(159, 144, 129); box-shadow:4px 4px 4px 4px rgb(159, 144, 129) }
```

Background

The CSS property to change the background color of an element to XYZ 28.2338, 28.9024, 24.8595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 144, 129) }
```

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

```
.background{ background-color: rgb(159,  
144, 129) }
```

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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