

Converting Colors

XYZ(28.3014, 28.8624, 26.3008)

Have a look what the booklet for
XYZ(28.3014, 28.8624, 26.3008)
contains.

XYZ(28.3074, 28.9091, 26.2783)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(28.3074, 28.9091,
26.2783)**

Conversions

Conversions Part 1

Format	Color
Hex	9E9085
RGB	158, 144, 133
RGB Percent	62%, 56%, 52%
CMY	0.3804, 0.4353, 0.4784
CMYK	0.00, 0.09, 0.16, 0.38
HSL	26°, 11%, 57%
HSV	26°, 16%, 62%
XYZ	28.3074, 28.9091, 26.2783
YIQ	146.9320, 11.8750, -0.4530

Conversions

Conversions Part 2

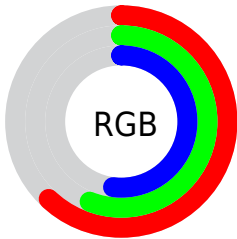
Format	Color
R_{YB}	158, 153, 133
Decimal	10391685
CIE _{Lab}	60.70, 3.30, 7.72
CIE _{LCh}	61, 8.397, 66.884
Yxy	28.9091, 0.3390, 0.3462
Android (android.graphics.Color)	4288581765 (0xFF9E9085)
YUV	146.9320, -6.8685, 9.7066
Hunter-Lab	53.7672, -0.1157, 8.6595

Details

The XYZ color **28.3074, 28.9091, 26.2783** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.2778, 28.3217, 36.4295**, and the grayscale version is **27.7298, 29.1739, 31.7703**.

A 20% lighter version of the original color is **56.4976, 58.0795, 54.6871**, and **11.5468, 11.7097, 10.0391** is the 20% darker color. If you saturate the color by 10%, you get **26.0094, 25.9304, 20.5259**, and if you desaturate by 10%, it is **30.8762, 32.1661, 32.9319**.

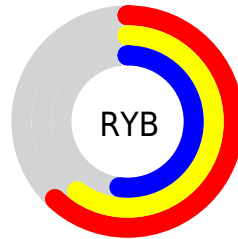
Distribution



Red (62%)

Green (56%)

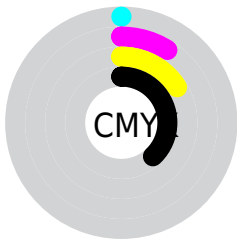
Blue (52%)



Red (62%)

Yellow (60%)

Blue (52%)

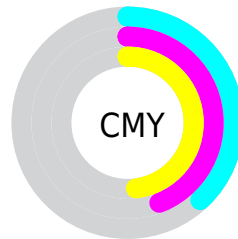


Cyan (0%)

Magenta (9%)

Yellow (16%)

Black (38%)



Cyan (38%)

Magenta (44%)

Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 28.3074, 28.9091, 26.2783 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 28.3074, 28.9091, 26.2783 by changing the saturation by 10% instead.

■ 28.3074, 28.9091,
26.2783

■ 28.3074, 28.9091,
26.2783

285.9864,
296.7858, 297.7944

■ 18.6991, 19.0121,
16.8043

■ 56.3801, 57.9326,
54.7132

■ 11.5558, 11.6790,
9.9346

■ 75.5752, 77.8279,
74.5111

■ 6.5120, 6.5255,
5.2506

■ 98.6966, 101.8248,
98.5875

■ 3.2024, 3.1672,
2.3337

126.1098,
130.3075, 127.3608

■ 1.2617, 1.2196,
0.7500

158.1800,
163.6606, 161.2496

■ 0.1543, 0.0776,
0.0000

195.2726,

■ 0.0000, 0.0000,

202.2684, 200.6725

0.0000

237.7529,
246.5154, 246.0479

■ 28.3074, 28.9091,
26.2783

■ 28.3074, 28.9091,
26.2783

■ 26.0094, 25.9304,
20.5259

■ 30.8762, 32.1661,
32.9319

■ 23.9701, 23.2184,
15.6334

■ 33.7226, 35.7048,
40.5215

■ 22.1801, 20.7662,
11.5593

■ 36.8562, 39.5337,
49.0828

■ 20.6281, 18.5654,
8.2577

■ 40.2851, 43.6594,
58.6485

■ 19.3021, 16.6068,
5.6782

■ 44.0174, 48.0887,
69.2501

■ 18.1888, 14.8805,
3.7643

■ 48.0607, 52.8278,
80.9178

■ 17.2729, 13.3759,
2.4509

■ 52.4223, 57.8828,
93.6803

■ 16.5350, 12.0800,
1.6497

■ 56.3926, 62.9731,
103.7906

■ 16.2622, 11.5924,
1.3804

■ 58.7032, 67.5943,
104.5608

Harmonies

Analogous

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



29.1861, 28.9091, 28.0137



28.3074, 28.9091, 26.2783



27.2271, 28.9091, 25.8917

Triad

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



28.3074, 28.9091, 26.2783



25.4507, 28.9091, 32.2012



28.7531, 28.9091, 36.5207

Complementary

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



28.3074, 28.9091, 26.2783



26.2778, 28.3217, 36.4295

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.



27.7289, 28.9091, 37.8130



28.3074, 28.9091, 26.2783



25.8364, 28.9091, 35.2147

Square

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



28.3074, 28.9091, 26.2783



25.5963, 28.9091, 29.1813



26.6635, 28.9091, 37.3200



29.4481, 28.9091, 33.8903

Rectangle

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



28.3074, 28.9091, 26.2783



26.5414, 28.9091, 26.4263



26.6635, 28.9091, 37.3200



28.4348, 28.9091, 37.1336

Sweetspot

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



28.3082, 28.9104, 26.2789



56.4283, 58.8616, 60.7448



27.7678, 26.1563, 31.2577



12.6481, 13.1779, 13.5009



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.



28.3082, 28.9104, 26.2789



49.8709, 50.5239, 43.8311



30.2788, 32.8516, 26.9358



6.8613, 7.1025, 6.9950



13.0624, 9.3605, 1.1183



0.2750, 0.2503, 0.0338

Inverse Universe

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



26.2778, 28.3217, 36.4295



45.4657, 49.2462, 65.8526



24.4623, 24.6906, 35.8243



6.5772, 7.0202, 8.4151



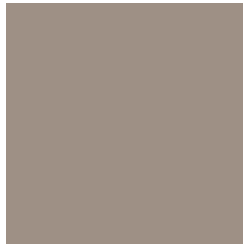
7.8076, 7.7068, 26.9833



0.1814, 0.2213, 0.4964

Previews

White Background



This preview shows how the XYZ color 28.3074, 28.9091, 26.2783 looks on a white background.

Color Contrast Check

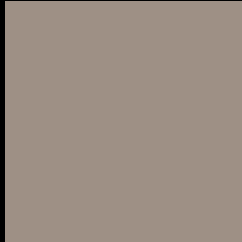
Large Text (above 18pt) WCAG AA ✓ Pass

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 28.3074, 28.9091, 26.2783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

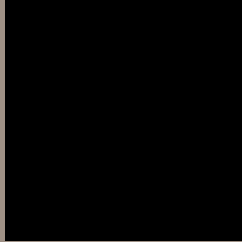
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 28.3074, 28.9091, 26.2783

Background



This preview shows how black text looks on a background with the XYZ color 28.3074, 28.9091, 26.2783.



This preview shows how white text looks on a background with the XYZ color 28.3074, 28.9091,

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

28.3074, 28.9091, 26.2783

Protanopia

27.5309, 28.9544, 26.6920

Deuteranopia

29.3450, 28.7703, 26.5608



Tritanopia

29.8903, 28.8938, 33.7074

Trichromacy



Original Color

28.3074, 28.9091, 26.2783

Protanomaly

27.7549, 28.8421, 26.6585

Deuteranomaly

28.8764, 28.7486, 26.5813

Tritanomaly

29.2810, 28.8639, 30.8161

Monochromacy



Original Color

28.3074, 28.9091, 26.2783

Achromatopsia

27.7328, 29.1771, 31.7738

Achromatomaly

27.9239, 29.0901, 29.7344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 28.3074, 28.9091, 26.2783 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(158, 144, 133)` looks like.

```
.text, #text, p{  
    color:rgb(158, 144, 133)  
}
```

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(158, 144, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 144, 133) }
```

Border

The CSS property to change the border of an element to XYZ 28.3074, 28.9091, 26.2783 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(158, 144, 133) }
```


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

```
.border{ border-color:rgb(158, 144, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 144, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 144, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 144, 133);  
box-shadow:4px 4px 4px 4px rgb(158, 144,  
133) }
```

Background

The CSS property to change the background color of an element to XYZ 28.3074, 28.9091, 26.2783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 144, 133) }
```

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

```
.background{ background-color: rgb(158,  
144, 133) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor