

Converting Colors

XYZ(30.2679, 32.2024, 29.8197)

Have a look what the booklet for
XYZ(30.2679, 32.2024, 29.8197)
contains.

XYZ(30.2679, 32.2024, 29.8197)	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(30.2679, 32.2024,
29.8197)**

Conversions

Conversions Part 1

Format	Color
Hex	9D9A8D
RGB	157, 154, 141
RGB Percent	62%, 60%, 55%
CMY	0.3843, 0.3961, 0.4471
CMYK	0.00, 0.02, 0.10, 0.38
HSL	49°, 8%, 58%
HSV	49°, 10%, 62%
XYZ	30.2679, 32.2024, 29.8197
YIQ	153.4150, 5.9610, -3.4070

Conversions

Conversions Part 2

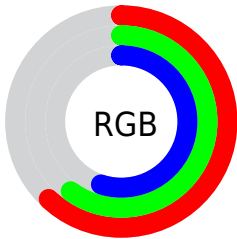
Format	Color
RYB	145, 157, 141
Decimal	10328717
CIELab	63.51, -1.27, 7.21
CIElCh	64, 7.317, 100.011
Yxy	32.2024, 0.3280, 0.3489
Android (android.graphics.Color)	4288518797 (0xFF9D9A8D)
YUV	153.4150, -6.1206, 3.1440
Hunter-Lab	56.7472, -4.0989, 8.5671

Details

The XYZ color **30.2679, 32.2024, 29.8197** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **27.0434, 28.0429, 35.8859**, and the grayscale version is **30.4839, 32.0715, 34.9258**.

A 20% lighter version of the original color is **59.5576, 63.0489, 60.6604**, and **12.6824, 13.5200, 11.8387** is the 20% darker color. If you saturate the color by 10%, you get **28.7025, 30.8103, 23.9373**, and if you desaturate by 10%, it is **32.0126, 33.6874, 36.5798**.

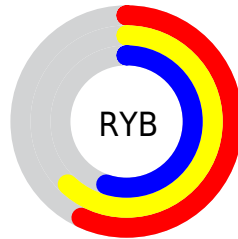
Distribution



Red (62%)

Green (60%)

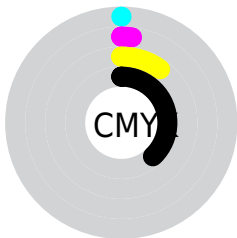
Blue (55%)



Red (57%)

Yellow (62%)

Blue (55%)

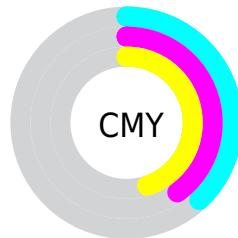


Cyan (0%)

Magenta (2%)

Yellow (10%)

Black (38%)



Cyan (38%)

Magenta (40%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2679, 32.2024, 29.8197 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 30.2679, 32.2024, 29.8197 by changing the saturation by 10% instead.

■ 30.2679, 32.2024,
29.8197

■ 30.2679, 32.2024,
29.8197

295.0387,
312.0402, 315.2442

■ 20.1911, 21.5161,
19.4509

■ 59.4693, 63.1283,
60.4346

■ 12.6431, 13.5018,
11.8164

■ 79.3246, 84.1366,
81.5177

■ 7.2585, 7.7750,
6.4978

■ 103.1702,
109.3545, 107.0093

■ 3.6721, 3.9513,
3.0764

131.3713,
139.1663, 137.3280

■ 1.5183, 1.6464,
1.1338

164.2934,
173.9564, 172.8923

■ 0.3383, 0.3886,
0.0000

202.3017,

■ 0.0000, 0.0000,

214.1091, 214.1208

0.0000

245.7617,
260.0089, 261.4319

■ 30.2679, 32.2024,
29.8197

■ 30.2679, 32.2024,
29.8197

■ 28.7025, 30.8103,
23.9373

■ 32.0126, 33.6874,
36.5798

■ 27.3068, 29.5039,
18.8938

■ 33.9405, 35.2637,
44.2498

■ 26.0741, 28.2814,
14.6510

■ 36.0588, 36.9356,
52.8630

■ 24.9963, 27.1395,
11.1666

■ 38.3735, 38.7053,
62.4503

■ 24.0646, 26.0745,
8.3944

■ 40.8902, 40.5754,
73.0411

■ 23.2691, 25.0824,
6.2833

■ 43.6144, 42.5482,
84.6638

■ 22.5988, 24.1586,
4.7753

■ 46.5512, 44.6259,
97.3455

■ 22.0407, 23.2976,
3.8023

■ 47.7809, 46.0406,
100.9761

■ 21.5715, 22.5018,
3.2063

■ 48.3702, 47.2192,
101.1726

Harmonies

Analogous

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



31.2824, 32.2024, 30.0471



30.2679, 32.2024, 29.8197



29.3643, 32.2024, 30.9363

Triad

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



30.2679, 32.2024, 29.8197



29.1304, 32.2024, 38.7978



32.4869, 32.2024, 37.0173

Complementary

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



30.2679, 32.2024, 29.8197



27.0434, 28.0429, 35.8859

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.



31.8852, 32.2024, 39.5412



30.2679, 32.2024, 29.8197



29.9422, 32.2024, 40.6080

Square

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



30.2679, 32.2024, 29.8197



28.7172, 32.2024, 36.0480



30.9495, 32.2024, 40.8874



32.5788, 32.2024, 34.0960

Rectangle

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



30.2679, 32.2024, 29.8197



28.9407, 32.2024, 32.3310



30.9495, 32.2024, 40.8874



32.3369, 32.2024, 37.9446

Sweetspot

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



30.2688, 32.2038, 29.8204



56.4025, 59.5519, 61.8755



28.4792, 28.2380, 30.4157



12.3569, 13.0584, 13.4047



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



30.2688, 32.2038, 29.8204



53.6104, 57.1514, 51.1298



29.8513, 32.7320, 29.9443



7.0645, 7.5090, 7.0627



17.5451, 18.3257, 2.6125



0.3387, 0.3777, 0.0551

Inverse Universe

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



27.0434, 28.0429, 35.8859



46.7721, 48.3298, 63.9902



27.4296, 27.5772, 35.7757



6.3803, 6.6263, 8.3494



5.3288, 2.7492, 26.1570



0.1195, 0.0976, 0.4758

Previews

White Background



This preview shows how the XYZ color 30.2679, 32.2024, 29.8197 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.2679, 32.2024, 29.8197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

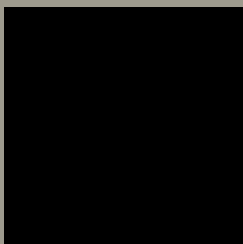
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

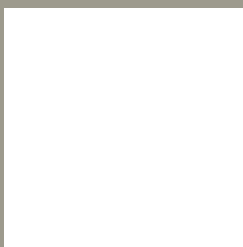
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2679, 32.2024, 29.8197

Background



This preview shows how black text looks on a background with the XYZ color 30.2679, 32.2024, 29.8197.



This preview shows how white text looks on a background with the XYZ color 30.2679, 32.2024,

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

30.2679, 32.2024, 29.8197

Protanopia

30.6962, 32.1791, 29.7926

Deuteranopia

32.7060, 32.0170, 30.0473



Tritanopia

32.1747, 32.2511, 39.1796

Trichromacy



Original Color

30.2679, 32.2024, 29.8197

Protanomaly

30.4970, 32.0765, 29.7833

Deuteranomaly

31.7252, 31.9812, 30.0921

Tritanomaly

31.4427, 32.1940, 35.5672

Monochromacy



Original Color

30.2679, 32.2024, 29.8197

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

30.1425, 31.8224, 32.9874

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2679, 32.2024, 29.8197 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(157, 154, 141)` looks like.

```
.text, #text, p{  
    color:rgb(157, 154, 141)  
}
```

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(157, 154, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 154, 141) }
```

Border

The CSS property to change the border of an element to XYZ 30.2679, 32.2024, 29.8197 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(157, 154, 141) }
```


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

```
.border{ border-color:rgb(157, 154, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 154, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 154, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 154, 141);  
box-shadow:4px 4px 4px 4px rgb(157, 154,  
141) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2679, 32.2024, 29.8197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 154, 141) }
```

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

```
.background{ background-color: rgb(157,  
154, 141) }
```

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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