

Converting Colors

XYZ(29.8276, 29.9726, 23.9519)

Have a look what the booklet for
XYZ(29.8276, 29.9726, 23.9519)
contains.

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Color

**XYZ(29.8276, 29.9726,
23.9519)**

Conversions

Conversions Part 1

Format	Color
Hex	A7917E
RGB	167, 145, 126
RGB Percent	65%, 57%, 49%
CMY	0.3451, 0.4314, 0.5059
CMYK	0.00, 0.13, 0.25, 0.35
HSL	28°, 19%, 57%
HSV	28°, 25%, 65%
XYZ	29.8276, 29.9726, 23.9519
YIQ	149.4120, 19.2110, -1.2450

Conversions

Conversions Part 2

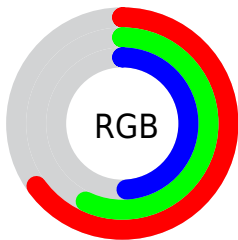
Format	Color
R_{YB}	167, 161, 126
Decimal	10981758
CIE _{Lab}	61.63, 5.16, 13.11
CIE _{LCh}	62, 14.094, 68.504
Yxy	29.9726, 0.3561, 0.3579
Android (android.graphics.Color)	4289171838 (0xFFA7917E)
YUV	149.4120, -11.5421, 15.4247
Hunter-Lab	54.7472, 1.4434, 12.3837

Details

The XYZ color **29.8276, 29.9726, 23.9519** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **26.1689, 28.4047, 40.6627**, and the grayscale version is **28.7827, 30.2817, 32.9768**.

A 20% lighter version of the original color is **58.9915, 59.7895, 51.0792**, and **12.3712, 12.2976, 8.7428** is the 20% darker color. If you saturate the color by 10%, you get **27.5234, 26.9470, 18.3038**, and if you desaturate by 10%, it is **32.4213, 33.2889, 30.5847**.

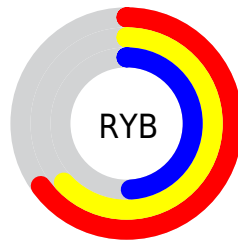
Distribution



Red (65%)

Green (57%)

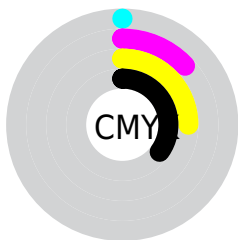
Blue (49%)



Red (65%)

Yellow (63%)

Blue (49%)

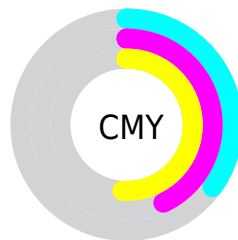


Cyan (0%)

Magenta (13%)

Yellow (25%)

Black (35%)



Cyan (35%)

Magenta (43%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.8276, 29.9726, 23.9519 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 29.8276, 29.9726, 23.9519 by changing the saturation by 10% instead.

■ 29.8276, 29.9726,
23.9519

■ 29.8276, 29.9726,
23.9519

293.0243,
301.7767, 285.8559

■ 19.8552, 19.8178,
15.0861

■ 58.7779, 59.6188,
50.8945

■ 12.3975, 12.2627,
8.7325

■ 78.4866, 79.8791,
69.8084

■ 7.0891, 6.9228,
4.4727

■ 102.1713,
104.2766, 92.9088

■ 3.5647, 3.4139,
1.8881

130.1975,
133.1957, 120.6141

■ 1.4590, 1.3514,
0.4851

162.9306,
167.0209, 153.3429

■ 0.2976, 0.1805,
0.0000

200.7358,

■ 0.0000, 0.0000,

206.1365, 191.5138

0.0000

243.9786,
250.9270, 235.5453

■ 29.8276, 29.9726,
23.9519

■ 29.8276, 29.9726,
23.9519

■ 27.5234, 26.9470,
18.3038

■ 32.4213, 33.2889,
30.5847

■ 25.4949, 24.1995,
13.5908

■ 35.3129, 36.8998,
38.2450

■ 23.7307, 21.7223,
9.7616

■ 38.5131, 40.8146,
46.9750

■ 22.2174, 19.5060,
6.7591

■ 42.0317, 45.0407,
56.8144

■ 20.9403, 17.5402,
4.5197

■ 45.8778, 49.5851,
67.8004

■ 19.8828, 15.8136,
2.9701

■ 50.0602, 54.4549,
79.9689

■ 19.0252, 14.3134,
2.0214

■ 54.5872, 59.6566,
93.3538

■ 18.6186, 13.5800,
1.6399

■ 58.7171, 64.8969,
104.0394

■ 61.0851, 69.6330,
104.8287

Harmonies

Analogous

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



31.3990, 29.9726, 26.6283



29.8276, 29.9726, 23.9519



27.9590, 29.9726, 23.4640

Triad

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



29.8276, 29.9726, 23.9519



25.0741, 29.9726, 34.1834



30.7884, 29.9726, 41.3859

Complementary

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



29.8276, 29.9726, 23.9519



26.1689, 28.4047, 40.6627

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.



29.0237, 29.9726, 43.9298



29.8276, 29.9726, 23.9519



25.7629, 29.9726, 39.4833

Square

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



29.8276, 29.9726, 23.9519



25.2683, 29.9726, 29.0012



27.1892, 29.9726, 43.1978



31.9704, 29.9726, 36.5605

Rectangle

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



29.8276, 29.9726, 23.9519



26.8045, 29.9726, 24.3878



27.1892, 29.9726, 43.1978



30.2407, 29.9726, 42.5590

Sweetspot

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



29.8284, 29.9740, 23.9525



61.8566, 64.3674, 64.7792



28.7864, 25.2931, 31.6109



13.7758, 14.3215, 14.3189



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



29.8284, 29.9740, 23.9525



51.3038, 50.9210, 37.6497



33.1485, 36.6142, 25.0592



7.8069, 8.0939, 7.9401



14.2953, 10.4878, 1.2709



0.3993, 0.3582, 0.0481

Inverse Universe

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



26.1689, 28.4047, 40.6627



43.6991, 47.6587, 72.3711



23.3053, 22.6775, 39.7082



7.4526, 7.9421, 9.5585



8.1586, 7.7774, 29.0467



0.2489, 0.2900, 0.7235

Previews

White Background



This preview shows how the XYZ color 29.8276, 29.9726, 23.9519 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 29.8276, 29.9726, 23.9519 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 29.8276, 29.9726, 23.9519

Background



This preview shows how black text looks on a background with the XYZ color 29.8276, 29.9726, 23.9519.



This preview shows how white text looks on a background with the XYZ color 29.8276, 29.9726,

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

29.8276, 29.9726, 23.9519

Protanopia

28.3540, 30.1213, 24.7417

Deuteranopia

30.3829, 29.8092, 23.8911



Tritanopia

31.7699, 29.8628, 33.7954

Trichromacy



Original Color

29.8276, 29.9726, 23.9519

Protanomaly

28.9179, 30.1857, 24.3810

Deuteranomaly

30.3167, 29.9989, 23.9312

Tritanomaly

30.9931, 29.7642, 30.0981

Monochromacy



Original Color

29.8276, 29.9726, 23.9519

Achromatopsia

28.5667, 30.0544, 32.7292

Achromatomaly

29.1079, 30.1708, 29.4887

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.8276, 29.9726, 23.9519 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(167, 145, 126)` looks like.

```
.text, #text, p{  
    color:rgb(167, 145, 126)  
}
```

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(167, 145, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 145, 126) }
```

Border

The CSS property to change the border of an element to XYZ 29.8276, 29.9726, 23.9519 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(167, 145, 126) }
```


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

```
.border{ border-color:rgb(167, 145, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 145, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 145, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 145, 126);  
box-shadow:4px 4px 4px 4px rgb(167, 145,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 29.8276, 29.9726, 23.9519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 145, 126) }
```

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

```
.background{ background-color: rgb(167,  
145, 126) }
```

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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