

Converting Colors

XYZ(30.0272, 25.9647, 30.2171)

Have a look what the booklet for
XYZ(30.0272, 25.9647, 30.2171)
contains.

XYZ(30.0272, 25.9647, 30.2171)	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(30.0272, 25.9647,
30.2171)**

Conversions

Conversions Part 1

Format	Color
Hex	AE7E91
RGB	174, 126, 145
RGB Percent	68%, 49%, 57%
CMY	0.3176, 0.5059, 0.4314
CMYK	0.00, 0.28, 0.17, 0.32
HSL	336°, 23%, 59%
HSV	336°, 28%, 68%
XYZ	30.0272, 25.9647, 30.2171
YIQ	142.5180, 22.5090, 16.0850

Conversions

Conversions Part 2

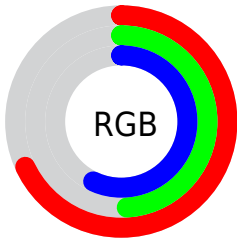
Format	Color
RYB	174, 126, 145
Decimal	11435665
CIELab	58.00, 21.55, -2.86
CIELCh	58, 21.744, 352.435
Yxy	25.9647, 0.3483, 0.3012
Android (android.graphics.Color)	4289625745 (0xFFAE7E91)
YUV	142.5180, 1.2236, 27.6097
Hunter-Lab	50.9556, 16.0146, 0.5094

Details

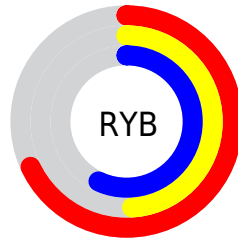
The XYZ color **30.0272, 25.9647, 30.2171** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.6577, 37.0749, 36.6051**, and the grayscale version is **25.9061, 27.2553, 29.6810**.

A 20% lighter version of the original color is **59.0620, 53.1867, 61.1860**, and **12.5352, 10.0601, 12.1076** is the 20% darker color. If you saturate the color by 10%, you get **27.2193, 21.5866, 25.4650**, and if you desaturate by 10%, it is **33.2986, 31.1491, 35.4945**.

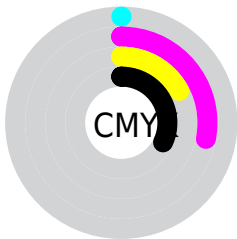
Distribution



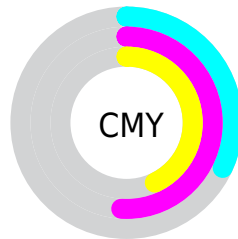
- Red (68%)
- Green (49%)
- Blue (57%)



- Red (68%)
- Yellow (49%)
- Blue (57%)



- Cyan (0%)
- Magenta (28%)
- Yellow (17%)
- Black (32%)





- Cyan (32%)
- Magenta (51%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0272, 25.9647, 30.2171 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 30.0272, 25.9647, 30.2171 by changing the saturation by 10% instead.


 30.0272, 25.9647,
30.2171


 30.0272, 25.9647,
30.2171


293.9388,
282.6088, 317.1538

 20.0074, 16.7972,
19.7500


 59.0915, 53.2180,
61.0704

 12.5087, 10.0900,
12.0312


 78.8668, 72.0726,
82.2937

 7.1658, 5.4587,
6.6421


 102.6245, 94.9251,
107.9394

 3.6133, 2.5188,
3.1643

130.7302,
122.1598, 138.4261

 1.4858, 0.8860,
1.1791

163.5491,
154.1611, 174.1724

 0.3161, 0.0000,
0.0000

201.4466,

 0.0000, 0.0000,

191.3134, 215.5967

0.0000

244.7880,
234.0012, 263.1177

■ 30.0272, 25.9647,
30.2171

■ 30.0272, 25.9647,
30.2171

■ 27.2193, 21.5866,
25.4650

■ 33.2986, 31.1491,
35.4945

■ 24.8507, 17.9704,
21.2191

■ 37.0518, 37.1743,
41.3120

■ 22.8980, 15.0728,
17.4617


■ 41.3068, 44.0770,
47.6859


■ 21.3350, 12.8446,
14.1730


■ 46.0819, 51.8905,
54.6310

■ 20.1321, 11.2304,
11.3317


■ 51.3942, 60.6467,
62.1618


 19.2550, 10.1655,
8.9142


 57.2602, 70.3758,
70.2923

 18.6517, 9.5502,
6.8904

 63.6957, 81.1065,
79.0356

 18.5257, 9.4267,
6.4519

 67.3734, 86.1818,
87.2907

 68.8874, 86.7874,
95.2633

Harmonies

Analogous

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



28.8991, 25.9647, 38.0303



30.0272, 25.9647, 30.2171



29.6436, 25.9647, 23.1062

Triad

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



30.0272, 25.9647, 30.2171



22.8023, 25.9647, 16.9053



21.7279, 25.9647, 41.3452

Complementary

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



30.0272, 25.9647, 30.2171



29.6577, 37.0749, 36.6051

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.



20.3016, 25.9647, 34.1536



30.0272, 25.9647, 30.2171



20.8906, 25.9647, 20.3431

Square

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



30.0272, 25.9647, 30.2171



25.3491, 25.9647, 16.2275



20.0063, 25.9647, 26.4106



24.0202, 25.9647, 45.1557

Rectangle

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



30.0272, 25.9647, 30.2171



28.5940, 25.9647, 19.5970



20.0063, 25.9647, 26.4106



21.1381, 25.9647, 39.1881

Sweetspot

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



30.0279, 25.9659, 30.2176



66.8048, 66.7795, 74.3209



28.5810, 24.9278, 43.3497



14.6121, 14.4620, 16.1576



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



30.0279, 25.9659, 30.2176



51.3126, 42.1625, 49.5266



29.3118, 26.6852, 23.3460



8.1316, 8.0659, 9.0039



13.4643, 6.8483, 4.8246



0.4020, 0.2015, 0.2785

Inverse Universe

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



30.0279, 25.9659, 30.2176



51.3126, 42.1625, 49.5266



30.4702, 35.9426, 45.3763



8.1316, 8.0659, 9.0039



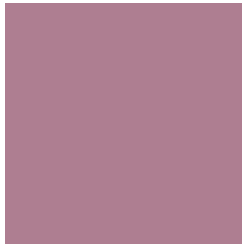
13.4643, 6.8483, 4.8246



0.4020, 0.2015, 0.2785

Previews

White Background



This preview shows how the XYZ color 30.0272, 25.9647, 30.2171 looks on a white background.

Color Contrast Check

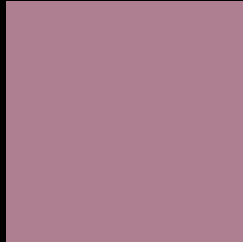
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0272, 25.9647, 30.2171 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 30.0272, 25.9647, 30.2171

Background



This preview shows how black text looks on a background with the XYZ color 30.0272, 25.9647, 30.2171.



This preview shows how white text looks on a background with the XYZ color 30.0272, 25.9647,

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

30.0272, 25.9647, 30.2171

Protanopia

25.4636, 26.1684, 33.8459

Deuteranopia

26.5708, 25.9865, 29.6021



Tritanopia

29.3383, 25.8691, 27.1139

Trichromacy



Original Color

30.0272, 25.9647, 30.2171

Protanomaly

26.7926, 25.8315, 32.4280

Deuteranomaly

27.7825, 25.9897, 29.9378

Tritanomaly

29.5566, 25.9564, 28.2632

Monochromacy



Original Color

30.0272, 25.9647, 30.2171

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.3061, 26.7750, 30.1145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0272, 25.9647, 30.2171 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(174, 126, 145)` looks like.

```
.text, #text, p{  
    color:rgb(174, 126, 145)  
}
```

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(174, 126, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 126, 145) }
```

Border

The CSS property to change the border of an element to XYZ 30.0272, 25.9647, 30.2171 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(174, 126, 145) }
```


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

```
.border{ border-color:rgb(174, 126, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 126, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 126, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 126, 145);  
box-shadow:4px 4px 4px 4px rgb(174, 126,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0272, 25.9647, 30.2171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 126, 145) }
```

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

```
.background{ background-color: rgb(174,  
126, 145) }
```

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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