

Converting Colors

XYZ(30.7171, 25.6576, 34.7717)

Have a look what the booklet for
XYZ(30.7171, 25.6576, 34.7717)
contains.

XYZ(30.7629, 25.6802, 34.7879)	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(30.7629, 25.6802,
34.7879)**

Conversions

Conversions Part 1

Format	Color
Hex	AF7B9C
RGB	175, 123, 156
RGB Percent	69%, 48%, 61%
CMY	0.3137, 0.5176, 0.3882
CMYK	0.00, 0.30, 0.11, 0.31
HSL	322°, 25%, 58%
HSV	322°, 30%, 69%
XYZ	30.7629, 25.6802, 34.7879
YIQ	142.3100, 20.3990, 21.2870

Conversions

Conversions Part 2

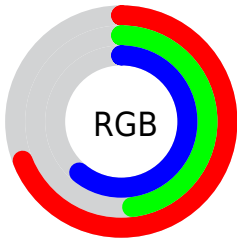
Format	Color
R_{YB}	175, 123, 156
Decimal	11500444
CIE _{Lab}	57.73, 25.48, -9.60
CIE _{LCh}	58, 27.232, 339.353
Yxy	25.6802, 0.3372, 0.2815
Android (android.graphics.Color)	4289690524 (0xFFAF7B9C)
YUV	142.3100, 6.7492, 28.6691
Hunter-Lab	50.6756, 19.6770, -5.2286

Details

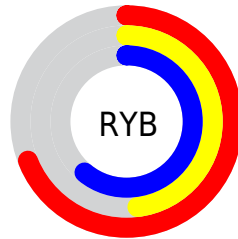
The XYZ color **30.7629, 25.6802, 34.7879** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.3819, 36.8246, 31.2048**, and the grayscale version is **25.8030, 27.1468, 29.5628**.

A 20% lighter version of the original color is **60.1132, 52.6927, 67.9752**, and **12.9584, 9.9226, 14.5969** is the 20% darker color. If you saturate the color by 10%, you get **28.2558, 21.5096, 31.3507**, and if you desaturate by 10%, it is **33.6881, 30.6407, 38.5057**.

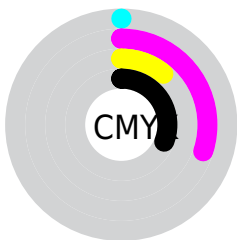
Distribution



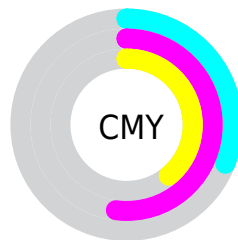
- Red (69%)
- Green (48%)
- Blue (61%)



- Red (69%)
- Yellow (48%)
- Blue (61%)



- Cyan (0%)
- Magenta (30%)
- Yellow (11%)
- Black (31%)



- Cyan (31%)
- Magenta (52%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7629, 25.6802, 34.7879 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 30.7629, 25.6802, 34.7879 by changing the saturation by 10% instead.

■ 30.7629, 25.6802,
34.7879

■ 30.7629, 25.6802,
34.7879

297.2909,
281.2087, 338.5069

■ 20.5693, 16.5845,
23.2173

■ 60.2450, 52.7586,
68.3049

■ 12.9202, 9.9387,
14.5472

■ 80.2642, 71.5101,
91.0884

■ 7.4502, 5.3584,
8.3592

■ 104.2893, 94.2490,
118.4466

■ 3.7941, 2.4590,
4.2346

132.6856,
121.3598, 150.7980

■ 1.5863, 0.8560,
1.7549

165.8186,
153.2267, 188.5612

■ 0.3835, 0.0000,
0.3979

204.0536,

■ 0.0000, 0.0000,

190.2342, 232.1547

0.0000

247.7559,
232.7667, 281.9971

■ 30.7629, 25.6802,
34.7879

■ 30.7629, 25.6802,
34.7879

■ 28.2558, 21.5096,
31.3507

■ 33.6881, 30.6407,
38.5057

■ 26.1434, 18.0838,
28.1833

■ 37.0487, 36.4260,
42.5111

■ 24.4034, 15.3586,
25.2764

■ 40.8637, 43.0732,
46.8129

■ 23.0103, 13.2837,
22.6192

■ 45.1504, 50.6160,
51.4186

■ 21.9351, 11.8019,
20.1998

■ 49.9250, 59.0865,
56.3358

■ 21.1439, 10.8461,
18.0045

■ 55.2031, 68.5151,
61.5715

■ 20.5672, 10.2779,
16.0076

■ 60.9995, 78.9306,
67.1326

■ 20.5516, 10.2629,
15.9523

■ 64.7212, 85.1468,
72.1566

■ 65.5199, 85.4662,
76.3626

Harmonies

Analogous

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



28.6069, 25.6802, 44.2845



30.7629, 25.6802, 34.7879



31.1373, 25.6802, 25.1415

Triad

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



30.7629, 25.6802, 34.7879



23.4027, 25.6802, 13.7147



19.8710, 25.6802, 40.9734

Complementary

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



30.7629, 25.6802, 34.7879



28.3819, 36.8246, 31.2048

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.



18.7261, 25.6802, 30.9846



30.7629, 25.6802, 34.7879



20.6420, 25.6802, 16.2413

Square

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



30.7629, 25.6802, 34.7879



26.6881, 25.6802, 14.2918



18.9952, 25.6802, 22.0920



22.2621, 25.6802, 48.3721

Rectangle

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



30.7629, 25.6802, 34.7879



30.2956, 25.6802, 20.0456



18.9952, 25.6802, 22.0920



19.3378, 25.6802, 37.7270

Sweetspot

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



30.7637, 25.6814, 34.7884



66.7109, 65.8585, 76.5500



25.8405, 22.9427, 43.6242



14.6233, 14.2845, 16.7776



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.



30.7637, 25.6814, 34.7884



51.9151, 40.6850, 57.9975



28.8463, 24.9144, 24.6917



8.2110, 8.0977, 9.4219



14.7479, 7.3617, 11.5835



0.4354, 0.2148, 0.4543

Inverse Universe

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



30.7637, 25.6814, 34.7884



51.9151, 40.6850, 57.9975



30.4928, 37.6689, 42.3205



8.2110, 8.0977, 9.4219



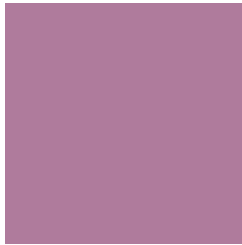
14.7479, 7.3617, 11.5835



0.4354, 0.2148, 0.4543

Previews

White Background



This preview shows how the XYZ color 30.7629, 25.6802, 34.7879 looks on a white background.

Color Contrast Check

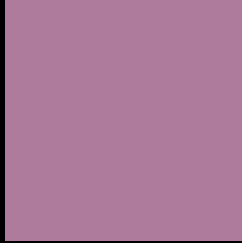
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.7629, 25.6802, 34.7879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

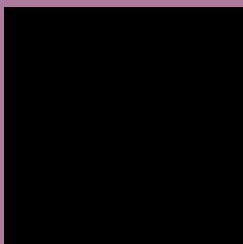
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.7629, 25.6802, 34.7879

Background



This preview shows how black text looks on a background with the XYZ color 30.7629, 25.6802, 34.7879.



This preview shows how white text looks on a background with the XYZ color 30.7629, 25.6802,

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

30.7629, 25.6802, 34.7879

Protanopia

25.6443, 25.9167, 39.7272

Deuteranopia

26.3508, 25.7720, 34.1575



Tritanopia

29.2669, 25.8406, 26.7377

Trichromacy



Original Color

30.7629, 25.6802, 34.7879

Protanomaly

27.1219, 25.6796, 37.7096

Deuteranomaly

27.9373, 25.7673, 34.5115

Tritanomaly

29.8743, 25.9035, 29.4119

Monochromacy



Original Color

30.7629, 25.6802, 34.7879

Achromatopsia

25.7108, 27.0498, 29.4572

Achromatomaly

27.2569, 26.3046, 31.2445

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7629, 25.6802, 34.7879 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(175, 123, 156)` looks like.

```
.text, #text, p{  
    color:rgb(175, 123, 156)  
}
```

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(175, 123, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 123, 156) }
```

Border

The CSS property to change the border of an element to XYZ 30.7629, 25.6802, 34.7879 is called "border". The border property can be set on classes, ids or directly on the HTML element.

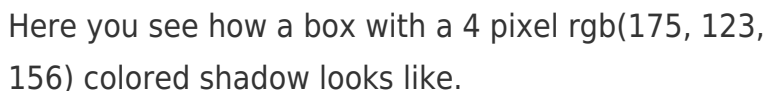
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(175, 123, 156) }
```


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

```
.border{ border-color:rgb(175, 123, 156) }
```

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



Here you see how a box with a 4 pixel `rgb(175, 123, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 123, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 123, 156); box-shadow:4px 4px 4px 4px rgb(175, 123, 156) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7629, 25.6802, 34.7879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 123, 156) }
```

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

```
.background{ background-color: rgb(175,  
123, 156) }
```

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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