

Converting Colors

XYZ(29.2407, 24.2676, 30.3371)

Have a look what the booklet for
XYZ(29.2407, 24.2676, 30.3371)
contains.

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Color

**XYZ(29.2407, 24.2676,
30.3371)**

Conversions

Conversions Part 1

Format	Color
Hex	AE7792
RGB	174, 119, 146
RGB Percent	68%, 47%, 57%
CMY	0.3176, 0.5333, 0.4274
CMYK	0.00, 0.32, 0.16, 0.32
HSL	331°, 25%, 57%
HSV	331°, 32%, 68%
XYZ	29.2407, 24.2676, 30.3371
YIQ	138.5230, 24.1130, 20.0570

Conversions

Conversions Part 2

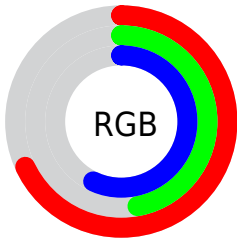
Format	Color
R_{YB}	174, 119, 146
Decimal	11433874
CIE _{Lab}	56.35, 25.66, -5.88
CIE _{LCh}	56, 26.327, 347.099
Yxy	24.2676, 0.3487, 0.2894
Android (android.graphics.Color)	4289623954 (0xFFAE7792)
YUV	138.5230, 3.6862, 31.1133
Hunter-Lab	49.2622, 19.7441, -2.0290

Details

The XYZ color **29.2407, 24.2676, 30.3371** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.0113, 36.3013, 33.1359**, and the grayscale version is **24.3378, 25.6053, 27.8841**.

A 20% lighter version of the original color is **57.8110, 50.4982, 61.3437**, and **12.1866, 9.2898, 12.2171** is the 20% darker color. If you saturate the color by 10%, you get **26.6938, 20.2341, 26.2190**, and if you desaturate by 10%, it is **32.2215, 29.0830, 34.8638**.

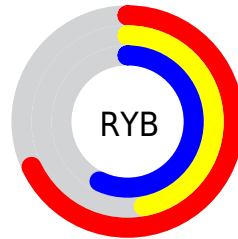
Distribution



Red (68%)

Green (47%)

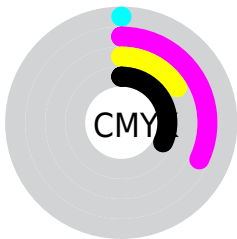
Blue (57%)



Red (68%)

Yellow (47%)

Blue (57%)

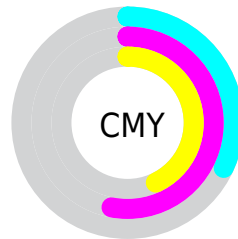


Cyan (0%)

Magenta (32%)

Yellow (16%)

Black (32%)



Cyan (32%)

Magenta (53%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 29.2407, 24.2676, 30.3371 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 29.2407, 24.2676, 30.3371 by changing the saturation by 10% instead.

■ 29.2407, 24.2676,
30.3371

■ 29.2407, 24.2676,
30.3371

290.3227,
274.1706, 317.7287

■ 19.4082, 15.5322,
19.8404

■ 57.8542, 50.4665,
61.2622

■ 12.0713, 9.1938,
12.0961

■ 77.3659, 68.6989,
82.5276

■ 6.8648, 4.8678,
6.6859

■ 100.8347, 90.8657,
108.2197

■ 3.4233, 2.1699,
3.1910

128.6260,
117.3514, 138.7569

■ 1.3814, 0.7035,
1.1930

161.1050,
148.5403, 174.5579

■ 0.2429, 0.0000,
0.0000

198.6373,

■ 0.0000, 0.0000,

184.8169, 216.0412

0.0000

241.5881,
226.5655, 263.6253

■ 29.2407, 24.2676,
30.3371

■ 29.2407, 24.2676,
30.3371

■ 26.6938, 20.2341,
26.2190

■ 32.2215, 29.0830,
34.8638

■ 24.5569, 16.9371,
22.4949

■ 35.6545, 34.7155,
39.8103

■ 22.8066, 14.3319,
19.1511

■ 39.5592, 41.2026,
45.1888

■ 21.4164, 12.3675,
16.1723

■ 43.9536, 48.5781,
51.0107

■ 20.3561, 10.9855,
13.5419

■ 48.8546, 56.8741,
57.2870

■ 19.5901, 10.1169,
11.2410

■ 54.2782, 66.1212,
64.0280

■ 19.1119, 9.6612,
9.5382

■ 60.2398, 76.3484,
71.2439

■ 65.7233, 85.5218,
78.6008

■ 66.9061, 85.9949,
84.8293

Harmonies

Analogous

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



27.6145, 24.2676, 39.5255



29.2407, 24.2676, 30.3371



29.1112, 24.2676, 21.8036

Triad

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



29.2407, 24.2676, 30.3371



21.3905, 24.2676, 13.4423



19.3134, 24.2676, 40.6695

Complementary

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



29.2407, 24.2676, 30.3371



28.0113, 36.3013, 33.1359

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.



17.9210, 24.2676, 31.6533



29.2407, 24.2676, 30.3371



19.0459, 24.2676, 16.5931

Square

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



29.2407, 24.2676, 30.3371



24.3945, 24.2676, 13.2412



17.8275, 24.2676, 22.8615



21.7859, 24.2676, 46.3141

Rectangle

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



29.2407, 24.2676, 30.3371



28.0453, 24.2676, 17.5627



17.8275, 24.2676, 22.8615



18.7134, 24.2676, 37.8529

Sweetspot

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



29.2414, 24.2687, 30.3376



66.3266, 65.7048, 74.5263



26.1809, 22.4078, 42.9900



14.5253, 14.2453, 16.2619



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.



29.2414, 24.2687, 30.3376



49.6965, 38.7075, 49.6752



27.3830, 23.5254, 20.5516



8.1629, 8.0784, 9.1689



13.8917, 7.0192, 7.0753



0.4142, 0.2064, 0.3427

Inverse Universe

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



29.2414, 24.2687, 30.3376



49.6965, 38.7075, 49.6752



30.3846, 37.2506, 45.6334



8.1629, 8.0784, 9.1689



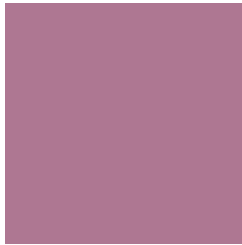
13.8917, 7.0192, 7.0753



0.4142, 0.2064, 0.3427

Previews

White Background



This preview shows how the XYZ color 29.2407, 24.2676, 30.3371 looks on a white background.

Color Contrast Check

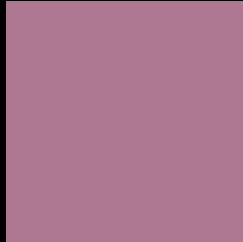
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2407, 24.2676, 30.3371 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 29.2407, 24.2676, 30.3371

Background



This preview shows how black text looks on a background with the XYZ color 29.2407, 24.2676, 30.3371.



This preview shows how white text looks on a background with the XYZ color 29.2407, 24.2676,

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

29.2407, 24.2676, 30.3371

Protanopia

24.0416, 24.3560, 34.8865

Deuteranopia

24.9624, 24.5359, 29.8058



Tritanopia

28.0695, 24.3284, 24.6892

Trichromacy



Original Color

29.2407, 24.2676, 30.3371

Protanomaly

25.5504, 24.1706, 33.0245

Deuteranomaly

26.4105, 24.2910, 30.0847

Tritanomaly

28.5149, 24.3366, 26.4871

Monochromacy



Original Color

29.2407, 24.2676, 30.3371

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.0826, 25.1309, 29.0672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 29.2407, 24.2676, 30.3371 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, 119, 146)` looks like.

```
.text, #text, p{  
    color:rgb(174, 119, 146)  
}
```

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, 119, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 119, 146) }
```

Border

The CSS property to change the border of an element to XYZ 29.2407, 24.2676, 30.3371 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, 119, 146) }
```


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

```
.border{ border-color:rgb(174, 119, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 119, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 119, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 119, 146);  
box-shadow:4px 4px 4px 4px rgb(174, 119,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 29.2407, 24.2676, 30.3371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 119, 146) }
```

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

```
.background{ background-color: rgb(174,  
119, 146) }
```

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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