

Converting Colors

XYZ(30.0705, 24.2544, 34.4626)

Have a look what the booklet for
XYZ(30.0705, 24.2544, 34.4626)
contains.

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Color

**XYZ(30.0412, 24.2368,
34.5473)**

Conversions

Conversions Part 1

Format	Color
Hex	AF759C
RGB	175, 117, 156
RGB Percent	69%, 46%, 61%
CMY	0.3137, 0.5412, 0.3882
CMYK	0.00, 0.33, 0.11, 0.31
HSL	320°, 27%, 57%
HSV	320°, 33%, 69%
XYZ	30.0412, 24.2368, 34.5473
YIQ	138.7880, 22.0490, 24.4250

Conversions

Conversions Part 2

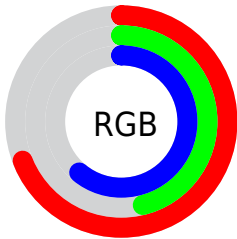
Format	Color
R_{YB}	175, 117, 156
Decimal	11498908
CIE _{Lab}	56.32, 28.85, -11.71
CIE _{LCh}	56, 31.134, 337.899
Yxy	24.2368, 0.3382, 0.2729
Android (android.graphics.Color)	4289688988 (0xFFAF759C)
YUV	138.7880, 8.4855, 31.7579
Hunter-Lab	49.2309, 22.7685, -7.1446

Details

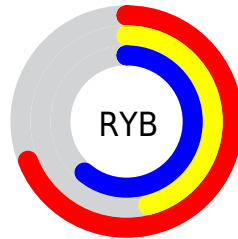
The XYZ color **30.0412, 24.2368, 34.5473** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.1110, 36.2201, 28.8564**, and the grayscale version is **24.4222, 25.6940, 27.9808**.

A 20% lighter version of the original color is **59.0876, 50.4415, 68.2499**, and **12.4421, 9.0992, 14.4651** is the 20% darker color. If you saturate the color by 10%, you get **27.7157, 20.3442, 31.4333**, and if you desaturate by 10%, it is **32.7722, 28.9031, 37.9101**.

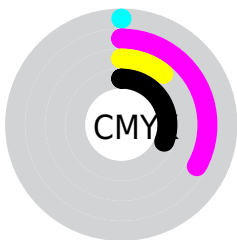
Distribution



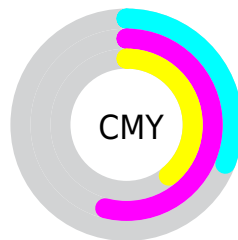
- Red (69%)
- Green (46%)
- Blue (61%)



- Red (69%)
- Yellow (46%)
- Blue (61%)



- Cyan (0%)
- Magenta (33%)
- Yellow (11%)
- Black (31%)



- Cyan (31%)
- Magenta (54%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.0412, 24.2368, 34.5473 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 30.0412, 24.2368, 34.5473 by changing the saturation by 10% instead.


 30.0412, 24.2368,
34.5473


 30.0412, 24.2368,
34.5473


294.0028,
274.0155, 337.4089


 20.0181, 15.5094,
23.0336


 59.1135, 50.4163,
67.9275

 12.5165, 9.1777,
14.4128


 78.8934, 68.6373,
90.6310

 7.1712, 4.8572,
8.2663


 102.6563, 90.7915,
117.9016

 3.6167, 2.1637,
4.1756

130.7675,
117.2633, 150.1578

 1.4876, 0.7001,
1.7222

163.5924,
148.4373, 187.8180

 0.3174, 0.0000,
0.3759

201.4964,

 0.0000, 0.0000,

184.6977, 231.3010

0.0000

244.8447,
226.4290, 281.0251

■ 30.0412, 24.2368,
34.5473

■ 30.0412, 24.2368,
34.5473

■ 27.7157, 20.3442,
31.4333

■ 32.7722, 28.9031,
37.9101

■ 25.7719, 17.1792,
28.5578

■ 35.9266, 34.3792,
41.5283

■ 24.1870, 14.6962,
25.9119

■ 39.5235, 40.7029,
45.4101

■ 22.9344, 12.8427,
23.4851

■ 43.5805, 47.9085,
49.5627

■ 21.9838, 11.5587,
21.2658

■ 48.1141, 56.0287,
53.9932

■ 21.2991, 10.7724,
19.2400

■ 53.1398, 65.0942,
58.7081

■ 20.9298, 10.4142,
17.9438

■ 58.6727, 75.1345,
63.7137

■ 64.0841, 84.8919,
68.8019

■ 64.7752, 85.1684,
72.4411

Harmonies

Analogous

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



27.5415, 24.2368, 45.2625



30.0412, 24.2368, 34.5473



30.5715, 24.2368, 23.7654

Triad

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



30.0412, 24.2368, 34.5473



22.1008, 24.2368, 11.2535



18.0080, 24.2368, 40.4894

Complementary

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



30.0412, 24.2368, 34.5473



27.1110, 36.2201, 28.8564

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.



16.8538, 24.2368, 29.2006



30.0412, 24.2368, 34.5473



19.0514, 24.2368, 13.6631

Square

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



30.0412, 24.2368, 34.5473



25.7320, 24.2368, 11.9854



17.2150, 24.2368, 19.6295



20.5359, 24.2368, 49.2676

Rectangle

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



30.0412, 24.2368, 34.5473



29.6904, 24.2368, 18.1790



17.2150, 24.2368, 19.6295



17.4591, 24.2368, 36.7616

Sweetspot

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



30.0419, 24.2379, 34.5478



66.1704, 64.7715, 76.3884



24.1510, 21.0003, 43.3384



14.5166, 14.0624, 16.7693



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.



30.0419, 24.2379, 34.5478



50.5930, 38.0199, 57.6216



27.9135, 23.3865, 23.3398



8.2238, 8.1028, 9.4893



15.0176, 7.4696, 13.0038



0.4415, 0.2173, 0.4869

Inverse Universe

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



30.0419, 24.2379, 34.5478



50.5930, 38.0199, 57.6216



29.4009, 37.1361, 40.9148



8.2238, 8.1028, 9.4893



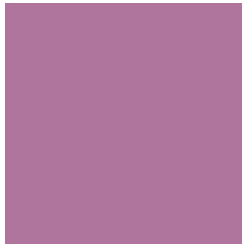
15.0176, 7.4696, 13.0038



0.4415, 0.2173, 0.4869

Previews

White Background



This preview shows how the XYZ color 30.0412, 24.2368, 34.5473 looks on a white background.

Color Contrast Check

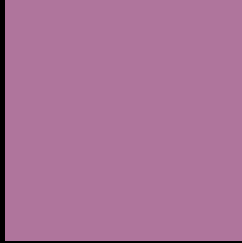
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.0412, 24.2368, 34.5473 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

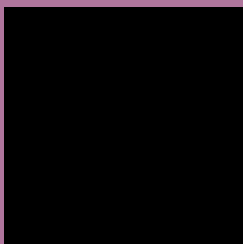
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.0412, 24.2368, 34.5473

Background



This preview shows how black text looks on a background with the XYZ color 30.0412, 24.2368, 34.5473.



This preview shows how white text looks on a background with the XYZ color 30.0412, 24.2368,

34.5473.

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

30.0412, 24.2368, 34.5473

Protanopia

24.4951, 24.4665, 40.4773

Deuteranopia

24.8163, 24.3779, 33.5344



Tritanopia

28.0695, 24.3284, 24.6892

Trichromacy



Original Color

30.0412, 24.2368, 34.5473

Protanomaly

26.0971, 24.1384, 38.4057

Deuteranomaly

26.5590, 24.2841, 33.8593

Tritanomaly

28.6837, 24.2106, 27.9723

Monochromacy



Original Color

30.0412, 24.2368, 34.5473

Achromatopsia

24.5403, 25.8183, 28.1161

Achromatomaly

26.1760, 24.9523, 30.2247

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0412, 24.2368, 34.5473 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, 117, 156)` looks like.

```
.text, #text, p{  
    color:rgb(175, 117, 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, 117, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 117, 156) }
```

Border

The CSS property to change the border of an element to XYZ 30.0412, 24.2368, 34.5473 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, 117, 156) }
```


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

```
.border{ border-color:rgb(175, 117, 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, 117, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 117, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 117, 156);  
box-shadow:4px 4px 4px 4px rgb(175, 117,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0412, 24.2368, 34.5473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 117, 156) }
```

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

```
.background{ background-color: rgb(175,  
117, 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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