

Converting Colors

XYZ(30.6487, 26.1714, 34.6849)

Have a look what the booklet for
XYZ(30.6487, 26.1714, 34.6849)
contains.

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Color

**XYZ(30.6952, 26.2062,
34.8930)**

Conversions

Conversions Part 1

Format	Color
Hex	AD7E9C
RGB	173, 126, 156
RGB Percent	68%, 49%, 61%
CMY	0.3216, 0.5059, 0.3882
CMYK	0.00, 0.27, 0.10, 0.32
HSL	322°, 22%, 59%
HSV	322°, 27%, 68%
XYZ	30.6952, 26.2062, 34.8930
YIQ	143.4730, 18.3820, 19.2940

Conversions

Conversions Part 2

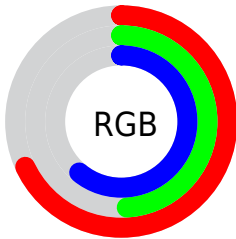
Format	Color
R_{YB}	173, 126, 156
Decimal	11370140
CIE _{Lab}	58.23, 23.08, -8.88
CIE _{LCh}	58, 24.724, 338.958
Yxy	26.2062, 0.3344, 0.2855
Android (android.graphics.Color)	4289560220 (0xFFAD7E9C)
YUV	143.4730, 6.1758, 25.8952
Hunter-Lab	51.1920, 17.4443, -4.5783

Details

The XYZ color **30.6952, 26.2062, 34.8930** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **28.5067, 36.3067, 31.4936**, and the grayscale version is **26.2691, 27.6371, 30.0968**.

A 20% lighter version of the original color is **60.0661, 53.5514, 68.1434**, and **12.8800, 10.1819, 14.6511** is the 20% darker color. If you saturate the color by 10%, you get **28.1552, 21.9523, 31.4990**, and if you desaturate by 10%, it is **33.6466, 31.2385, 38.5594**.

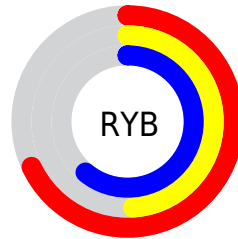
Distribution



Red (68%)

Green (49%)

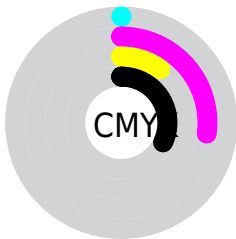
Blue (61%)



Red (68%)

Yellow (49%)

Blue (61%)

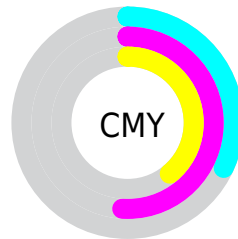


Cyan (0%)

Magenta (27%)

Yellow (10%)

Black (32%)



Cyan (32%)


Magenta (51%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.6952, 26.2062, 34.8930 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 30.6952, 26.2062, 34.8930 by changing the saturation by 10% instead.


 30.6952, 26.2062,
34.8930


 30.6952, 26.2062,
34.8930


296.9837,
283.7928, 338.9857


 20.5175, 16.9780,
23.2976


 60.1390, 53.6074,
68.4697

 12.8823, 10.2188,
14.6060


 80.1358, 72.5492,
91.2880

 7.4240, 5.5443,
8.3998


 104.1365, 95.4976,
118.6843

 3.7773, 2.5700,
4.2604

132.5062,
122.8370, 151.0773

 1.5769, 0.9116,
1.7693

165.6105,
154.9518, 188.8853

 0.3773, 0.0000,
0.4076

203.8145,

 0.0000, 0.0000,

192.2265, 232.5271

0.0000

247.4838,
235.0454, 282.4210

■ 30.6952, 26.2062,
34.8930

■ 30.6952, 26.2062,
34.8930

■ 28.1552, 21.9523,
31.4990

■ 33.6466, 31.2385,
38.5594

■ 26.0042, 18.4336,
28.3671

■ 37.0257, 37.0824,
42.5048

■ 24.2212, 15.6084,
25.4885

■ 40.8509, 43.7733,
46.7375

■ 22.7819, 13.4291,
22.8531

■ 45.1385, 51.3437,
51.2648

■ 21.6592, 11.8420,
20.4496

■ 49.9043, 59.8242,
56.0939

■ 20.8216, 10.7848,
18.2654

■ 55.1632, 69.2440,
61.2314

■ 20.2225, 10.1650,
16.2825

■ 60.9292, 79.6309,
66.6839

■ 20.0713, 10.0194,
15.7486

■ 64.1422, 84.8637,
71.4331

■ 64.9182, 85.1741,
75.5193

Harmonies

Analogous

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



28.7178, 26.2062, 43.4214



30.6952, 26.2062, 34.8930



31.0583, 26.2062, 26.0360

Triad

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



30.6952, 26.2062, 34.8930



24.0199, 26.2062, 15.1181



20.6826, 26.2062, 40.2453

Complementary

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



30.6952, 26.2062, 34.8930



28.5067, 36.3067, 31.4936

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.



19.6289, 26.2062, 31.1871



30.6952, 26.2062, 34.8930



21.4513, 26.2062, 17.5101

Square

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



30.6952, 26.2062, 34.8930



27.0395, 26.2062, 15.7158



19.8985, 26.2062, 22.9989



22.8920, 26.2062, 46.9177

Rectangle

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



30.6952, 26.2062, 34.8930



30.3096, 26.2062, 21.2533



19.8985, 26.2062, 22.9989



20.1899, 26.2062, 37.3126

Sweetspot

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



30.6960, 26.2074, 34.8935



65.6865, 65.3270, 75.4127



26.2375, 23.7308, 42.7333



14.0736, 13.8471, 16.1578



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

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



30.6960, 26.2074, 34.8935



51.9751, 41.8946, 58.5397



28.9325, 25.5020, 25.6071



8.2122, 8.0981, 9.4285



14.7733, 7.3719, 11.7174



0.4359, 0.2151, 0.4574

Inverse Universe

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



30.6960, 26.2074, 34.8935



51.9751, 41.8946, 58.5397



30.4270, 37.0748, 41.6055



8.2122, 8.0981, 9.4285



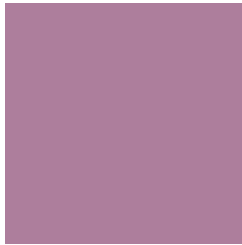
14.7733, 7.3719, 11.7174



0.4359, 0.2151, 0.4574

Previews

White Background



This preview shows how the XYZ color 30.6952, 26.2062, 34.8930 looks on a white background.

Color Contrast Check

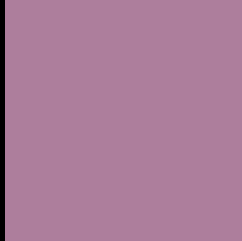
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6952, 26.2062, 34.8930 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 30.6952, 26.2062, 34.8930

Background



This preview shows how black text looks on a background with the XYZ color 30.6952, 26.2062, 34.8930.



This preview shows how white text looks on a background with the XYZ color 30.6952, 26.2062,

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

30.6952, 26.2062, 34.8930

Protanopia

25.9251, 26.2965, 38.8313

Deuteranopia

26.8496, 26.2373, 34.2210



Tritanopia

29.3050, 26.2225, 27.9430

Trichromacy



Original Color

30.6952, 26.2062, 34.8930

Protanomaly

27.3525, 26.0130, 37.2976

Deuteranomaly

28.0723, 26.0372, 34.5565

Tritanomaly

29.8433, 26.2533, 30.2826

Monochromacy



Original Color

30.6952, 26.2062, 34.8930

Achromatopsia

26.1081, 27.4677, 29.9124

Achromatomaly

27.6174, 26.8995, 31.7535

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6952, 26.2062, 34.8930 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(173, 126, 156)` looks like.

```
.text, #text, p{  
    color:rgb(173, 126, 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(173, 126, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 126, 156) }
```

Border

The CSS property to change the border of an element to XYZ 30.6952, 26.2062, 34.8930 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(173, 126, 156) }
```


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

```
.border{ border-color:rgb(173, 126, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 126, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 126, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 126, 156);  
box-shadow:4px 4px 4px 4px rgb(173, 126,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6952, 26.2062, 34.8930 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 126, 156) }
```

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

```
.background{ background-color: rgb(173,  
126, 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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