

Converting Colors

XYZ(30.7535, 26.3259, 37.7440)

Have a look what the booklet for
XYZ(30.7535, 26.3259, 37.7440)
contains.

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Color

**XYZ(30.6885, 26.3334,
37.6478)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7FA2
RGB	170, 127, 162
RGB Percent	67%, 50%, 64%
CMY	0.3333, 0.5019, 0.3647
CMYK	0.00, 0.25, 0.05, 0.33
HSL	311°, 20%, 58%
HSV	311°, 25%, 67%
XYZ	30.6885, 26.3334, 37.6478
YIQ	143.8470, 14.3930, 20.0010

Conversions

Conversions Part 2

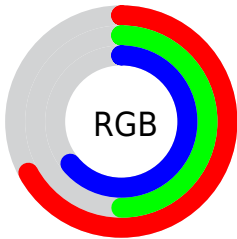
Format	Color
RYB	170, 127, 162
Decimal	11173794
CIELab	58.35, 22.53, -12.18
CIELCh	58, 25.616, 331.604
Yxy	26.3334, 0.3242, 0.2782
Android (android.graphics.Color)	4289363874 (0xFFAA7FA2)
YUV	143.8470, 8.9494, 22.9362
Hunter-Lab	51.3161, 16.9450, -7.5766

Details

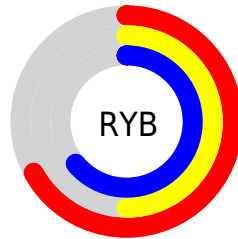
The XYZ color **30.6885, 26.3334, 37.6478** is a light color, and the websafe version is hex **996699**. A complement of this color would be **27.5013, 35.0115, 28.2316**, and the grayscale version is **26.4094, 27.7848, 30.2576**.

A 20% lighter version of the original color is **60.2097, 53.8210, 72.8607**, and **12.8045, 10.2155, 16.0488** is the 20% darker color. If you saturate the color by 10%, you get **28.3980, 22.1964, 35.5147**, and if you desaturate by 10%, it is **33.3581, 31.2165, 39.9428**.

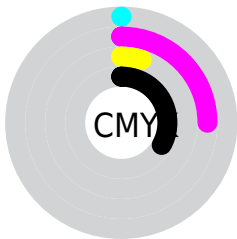
Distribution



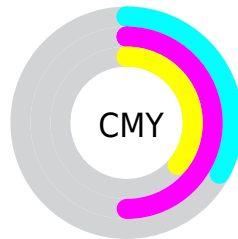
- Red (67%)
- Green (50%)
- Blue (64%)



- Red (67%)
- Yellow (50%)
- Blue (64%)



- Cyan (0%)
- Magenta (25%)
- Yellow (5%)
- Black (33%)



- Cyan (33%)
- Magenta (50%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.6885, 26.3334, 37.6478 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 30.6885, 26.3334, 37.6478 by changing the saturation by 10% instead.

■ 30.6885, 26.3334,
37.6478

■ 30.6885, 26.3334,
37.6478

296.9532,
284.4149, 351.3595

■ 20.5124, 17.0732,
25.4097

■ 60.1285, 53.8123,
72.7654

■ 12.8785, 10.2867,
16.1608

■ 80.1231, 72.7998,
96.4820

■ 7.4214, 5.5895,
9.4824

■ 104.1213, 95.7986,
124.8619

■ 3.7756, 2.5971,
4.9561

132.4884,
123.1930, 158.3237

■ 1.5760, 0.9252,
2.1632

165.5898,
155.3675, 197.2857

■ 0.3767, 0.0000,
0.6530

203.7909,

■ 0.0000, 0.0000,

192.7063, 242.1667

0.0000

247.4569,
235.5940, 293.3851

■ 30.6885, 26.3334,
37.6478

■ 30.6885, 26.3334,
37.6478

■ 28.3980, 22.1964,
35.5147

■ 33.3581, 31.2165,
39.9428

■ 26.4657, 18.7648,
33.5353

■ 36.4217, 36.8767,
42.4040

■ 24.8719, 15.9993,
31.7032

■ 39.8965, 43.3476,
45.0376

■ 23.5946, 13.8555,
30.0107

■ 43.7977, 50.6598,
47.8490

■ 22.6086, 12.2834,
28.4491

■ 48.1398, 58.8423,
50.8432

■ 21.8851, 11.2254,
27.0087

■ 52.9367, 67.9226,
54.0252

■ 21.3879, 10.6092,
25.6771

■ 58.2016, 77.9271,
57.3996

■ 21.1921, 10.3919,
25.0744

■ 61.3401, 83.6671,
60.1017

■ 61.6833, 83.8044,
61.9089

Harmonies

Analogous

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



28.3078, 26.3334, 45.9440



30.6885, 26.3334, 37.6478



31.5204, 26.3334, 28.1940

Triad

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



30.6885, 26.3334, 37.6478



24.8614, 26.3334, 14.6946



20.2577, 26.3334, 38.6561

Complementary

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



30.6885, 26.3334, 37.6478



27.5013, 35.0115, 28.2316

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.



19.4964, 26.3334, 29.1565



30.6885, 26.3334, 37.6478



22.0139, 26.3334, 16.3837

Square

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



30.6885, 26.3334, 37.6478



27.9930, 26.3334, 16.0546



20.1121, 26.3334, 21.2508



22.2821, 26.3334, 46.6062

Rectangle

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



30.6885, 26.3334, 37.6478



31.0340, 26.3334, 22.7982



20.1121, 26.3334, 21.2508



19.8536, 26.3334, 35.4782

Sweetspot

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



30.6893, 26.3346, 37.6484



64.4221, 63.8308, 75.6313



24.8191, 23.2236, 41.2052



14.1799, 13.8896, 16.7175



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.



30.6893, 26.3346, 37.6484



53.4153, 43.6735, 66.2395



28.9471, 25.6377, 28.4741



7.7811, 7.6423, 9.1647



15.6080, 7.6519, 18.5452



0.3948, 0.1922, 0.5305

Inverse Universe

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



30.6893, 26.3346, 37.6484



53.4153, 43.6735, 66.2395



29.1613, 35.6755, 36.9729



7.7811, 7.6423, 9.1647



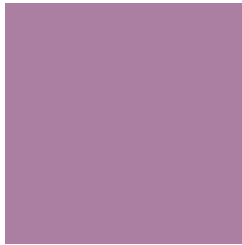
15.6080, 7.6519, 18.5452



0.3948, 0.1922, 0.5305

Previews

White Background



This preview shows how the XYZ color 30.6885, 26.3334, 37.6478 looks on a white background.

Color Contrast Check

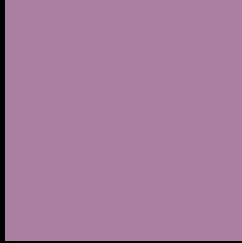
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.6885, 26.3334, 37.6478 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 30.6885, 26.3334, 37.6478

Background



This preview shows how black text looks on a background with the XYZ color 30.6885, 26.3334, 37.6478.



This preview shows how white text looks on a background with the XYZ color 30.6885, 26.3334,

37.6478.

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

30.6885, 26.3334, 37.6478

Protanopia

26.3198, 26.4358, 41.7456

Deuteranopia

26.9679, 26.4491, 36.9415



Tritanopia

28.8604, 26.3712, 28.7683

Trichromacy



Original Color

30.6885, 26.3334, 37.6478

Protanomaly

27.6716, 26.3210, 40.1812

Deuteranomaly

28.1470, 26.2183, 37.2953

Tritanomaly

29.5559, 26.4600, 31.9833

Monochromacy



Original Color

30.6885, 26.3334, 37.6478

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

27.8113, 27.1836, 33.0593

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.6885, 26.3334, 37.6478 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(170, 127, 162)` looks like.

```
.text, #text, p{  
    color:rgb(170, 127, 162)  
}
```

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(170, 127, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 127, 162) }
```

Border

The CSS property to change the border of an element to XYZ 30.6885, 26.3334, 37.6478 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(170, 127, 162) }
```


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

```
.border{ border-color:rgb(170, 127, 162) }
```

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

Here you see how a box with a 4 pixel rgb(170, 127, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 127, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 127, 162);  
box-shadow:4px 4px 4px 4px rgb(170, 127,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 30.6885, 26.3334, 37.6478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 127, 162) }
```

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

```
.background{ background-color: rgb(170,  
127, 162) }
```

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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