

Converting Colors

XYZ(30.9254, 27.1224, 35.1865)

Have a look what the booklet for
XYZ(30.9254, 27.1224, 35.1865)
contains.

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Color

**XYZ(30.7780, 27.0235,
35.0464)**

Conversions

Conversions Part 1

Format	Color
Hex	AB829C
RGB	171, 130, 156
RGB Percent	67%, 51%, 61%
CMY	0.3294, 0.4902, 0.3882
CMYK	0.00, 0.24, 0.09, 0.33
HSL	322°, 20%, 59%
HSV	322°, 24%, 67%
XYZ	30.7780, 27.0235, 35.0464
YIQ	145.2230, 16.0900, 16.7780

Conversions

Conversions Part 2

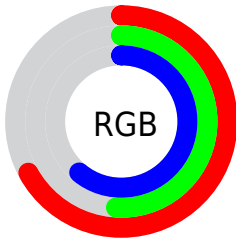
Format	Color
R_{YB}	171, 130, 156
Decimal	11240092
CIE _{Lab}	59.00, 20.09, -7.76
CIE _{LCh}	59, 21.538, 338.880
Yxy	27.0235, 0.3315, 0.2911
Android (android.graphics.Color)	4289430172 (0xFFAB829C)
YUV	145.2230, 5.3131, 22.6064
Hunter-Lab	51.9841, 14.7114, -3.5829

Details

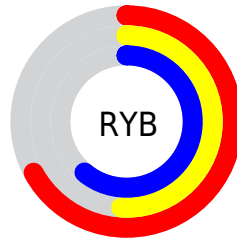
The XYZ color **30.7780, 27.0235, 35.0464** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **28.8808, 35.9168, 32.2002**, and the grayscale version is **26.9795, 28.3845, 30.9107**.

A 20% lighter version of the original color is **60.2449, 54.8510, 68.3848**, and **12.8897, 10.6088, 14.7329** is the 20% darker color. If you saturate the color by 10%, you get **28.1737, 22.6406, 31.6315**, and if you desaturate by 10%, it is **33.7892, 32.1757, 38.7322**.

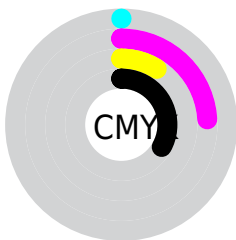
Distribution



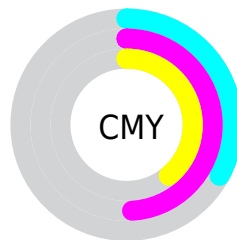
- Red (67%)
- Green (51%)
- Blue (61%)



- Red (67%)
- Yellow (51%)
- Blue (61%)



- Cyan (0%)
- Magenta (24%)
- Yellow (9%)
- Black (33%)



- Cyan (33%)
- Magenta (49%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.7780, 27.0235, 35.0464 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 30.7780, 27.0235, 35.0464 by changing the saturation by 10% instead.

■ 30.7780, 27.0235,
35.0464

■ 30.7780, 27.0235,
35.0464

297.3594,
287.7709, 339.6836

■ 20.5809, 17.5909,
23.4148

■ 60.2686, 54.9216,
68.7100

■ 12.9287, 10.6567,
14.6919

■ 80.2928, 74.1558,
91.5791

■ 7.4561, 5.8365,
8.4592

■ 104.3233, 97.4260,
119.0311

■ 3.7978, 2.7459,
4.2982

132.7257,
125.1167, 151.4846

■ 1.5884, 1.0006,
1.7903

165.8651,
157.6121, 189.3580

■ 0.3848, 0.0000,
0.4216

204.1069,

■ 0.0000, 0.0000,

195.2966, 233.0699

0.0000

247.8166,
238.5548, 283.0389

■ 30.7780, 27.0235,
35.0464

■ 30.7780, 27.0235,
35.0464

■ 28.1737, 22.6406,
31.6315

■ 33.7892, 32.1757,
38.7322

■ 25.9548, 18.9860,
28.4774

■ 37.2227, 38.1285,
42.6951

■ 24.1014, 16.0201,
25.5758

■ 41.0960, 44.9158,
46.9431

■ 22.5909, 13.6983,
22.9170

■ 45.4248, 52.5687,
51.4834

■ 21.3980, 11.9706,
20.4904

■ 50.2240, 61.1163,
56.3228

■ 20.4935, 10.7795,
18.2841

■ 55.5080, 70.5867,
61.4679

■ 19.8427, 10.0561,
16.2842

■ 61.2904, 81.0065,
66.9249

■ 19.5248, 9.7500,
15.1618

■ 63.7019, 84.6369,
71.4060

■ 64.4777, 84.9472,
75.4910

Harmonies

Analogous

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



29.0442, 27.0235, 42.4185



30.7780, 27.0235, 35.0464



31.0988, 27.0235, 27.2122

Triad

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



30.7780, 27.0235, 35.0464



24.9007, 27.0235, 17.1564



21.8921, 27.0235, 39.6518

Complementary

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



30.7780, 27.0235, 35.0464



28.8808, 35.9168, 32.2002

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.



20.9391, 27.0235, 31.7525



30.7780, 27.0235, 35.0464



22.5954, 27.0235, 19.3979

Square

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



30.7780, 27.0235, 35.0464



27.5797, 27.0235, 17.7290



21.1874, 27.0235, 24.4376



23.8792, 27.0235, 45.3813

Rectangle

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



30.7780, 27.0235, 35.0464



30.4479, 27.0235, 22.8786



21.1874, 27.0235, 24.4376



21.4467, 27.0235, 37.1120

Sweetspot

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



30.7788, 27.0247, 35.0470



64.6432, 64.7696, 74.1744



26.8973, 24.8678, 41.9109



14.3359, 14.3053, 16.4499



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.



30.7788, 27.0247, 35.0470



52.4512, 43.8855, 59.3203



29.2328, 26.4063, 26.9060



8.2108, 8.0976, 9.4211



14.7446, 7.3604, 11.5663



0.4353, 0.2148, 0.4539

Inverse Universe

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



30.7788, 27.0247, 35.0470



52.4512, 43.8855, 59.3203



30.5476, 36.5835, 40.9777



8.2108, 8.0976, 9.4211



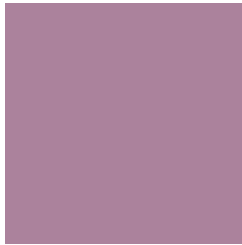
14.7446, 7.3604, 11.5663



0.4353, 0.2148, 0.4539

Previews

White Background



This preview shows how the XYZ color 30.7780, 27.0235, 35.0464 looks on a white background.

Color Contrast Check

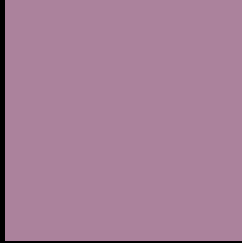
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.7780, 27.0235, 35.0464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

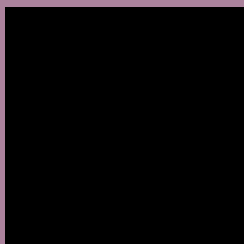
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 30.7780, 27.0235, 35.0464

Background



This preview shows how black text looks on a background with the XYZ color 30.7780, 27.0235, 35.0464.



This preview shows how white text looks on a background with the XYZ color 30.7780, 27.0235,

35.0464.

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

30.7780, 27.0235, 35.0464

Protanopia

26.6170, 27.0974, 38.4778

Deuteranopia

27.4989, 26.9941, 34.3329



Tritanopia

29.5714, 26.9207, 29.6242

Trichromacy



Original Color

30.7780, 27.0235, 35.0464

Protanomaly

27.8685, 26.9134, 36.9837

Deuteranomaly

28.6809, 26.9636, 34.7032

Tritanomaly

30.0392, 26.9168, 31.6292

Monochromacy



Original Color

30.7780, 27.0235, 35.0464

Achromatopsia

26.9133, 28.3149, 30.8349

Achromatomaly

28.1293, 27.7961, 32.3164

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.7780, 27.0235, 35.0464 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(171, 130, 156)` looks like.

```
.text, #text, p{  
    color:rgb(171, 130, 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(171, 130, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 130, 156) }
```

Border

The CSS property to change the border of an element to XYZ 30.7780, 27.0235, 35.0464 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(171, 130, 156) }
```


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

```
.border{ border-color:rgb(171, 130, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 130, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 130, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 130, 156);  
box-shadow:4px 4px 4px 4px rgb(171, 130,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 30.7780, 27.0235, 35.0464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 130, 156) }
```

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

```
.background{ background-color: rgb(171,  
130, 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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