

Converting Colors

XYZ(34.6896, 30.9137, 47.0641)

Have a look what the booklet for
XYZ(34.6896, 30.9137, 47.0641)
contains.

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Color

**XYZ(34.6296, 30.8221,
47.3041)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8CB4
RGB	172, 140, 180
RGB Percent	67%, 55%, 71%
CMY	0.3255, 0.4510, 0.2941
CMYK	0.04, 0.22, 0.00, 0.29
HSL	288°, 21%, 63%
HSV	288°, 22%, 71%
XYZ	34.6296, 30.8221, 47.3041
YIQ	154.1280, 6.2320, 19.2240

Conversions

Conversions Part 2

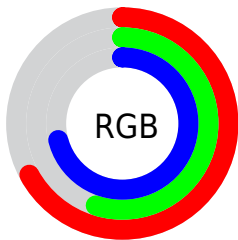
Format	Color
RYB	172, 140, 180
Decimal	11308212
CIELab	62.36, 19.37, -16.38
CIElCh	62, 25.363, 319.782
Yxy	30.8221, 0.3071, 0.2734
Android (android.graphics.Color)	4289498292 (0xFFAC8CB4)
YUV	154.1280, 12.7549, 15.6737
Hunter-Lab	55.5177, 14.1850, -11.6560

Details

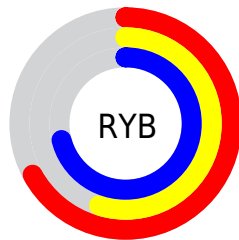
The XYZ color **34.6296, 30.8221, 47.3041** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.2686, 40.8326, 30.9404**, and the grayscale version is **30.7160, 32.3156, 35.1917**.

A 20% lighter version of the original color is **66.4270, 61.1337, 87.6558**, and **15.0947, 12.7666, 21.7473** is the 20% darker color. If you saturate the color by 10%, you get **31.4324, 25.5843, 46.4621**, and if you desaturate by 10%, it is **38.2803, 36.9341, 48.2919**.

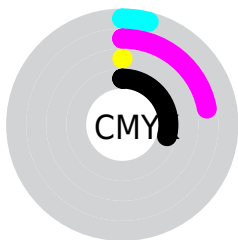
Distribution



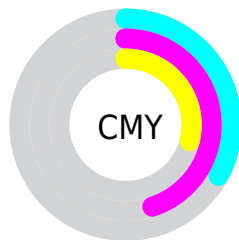
- Red (67%)
- Green (55%)
- Blue (71%)



- Red (67%)
- Yellow (55%)
- Blue (71%)



- Cyan (4%)
- Magenta (22%)
- Yellow (0%)
- Black (29%)





- Cyan (33%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.6296, 30.8221, 47.3041 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 34.6296, 30.8221, 47.3041 by changing the saturation by 10% instead.


 34.6296, 30.8221,
47.3041


 34.6296, 30.8221,
47.3041


314.4671,
305.7179, 392.4559


 23.5429, 20.4634,
32.9201


 66.2494, 60.9599,
87.5221

 15.1178, 12.7324,
21.7946


 87.5131, 81.5078,
114.1931

 8.9889, 7.2445,
13.5092


 112.8999,
106.2208, 145.7969

 4.7910, 3.6155,
7.6453

142.7751,
135.4835, 182.7520

 2.1587, 1.4609,
3.7843

177.5041,
169.6801, 225.4769

 0.7208, 0.2610,
1.5078

217.4522,

 0.0000, 0.0000,

209.1952, 274.3901

0.2237

262.9847,
254.4129, 329.9103

■ 0.0000, 0.0000,
0.0000

■ 34.6296, 30.8221,
47.3041

■ 34.6296, 30.8221,
47.3041

■ 31.4324, 25.5843,
46.4621

■ 38.2803, 36.9341,
48.2919

■ 28.6648, 21.1748,
45.7568

■ 42.4014, 43.9553,
49.4299

■ 26.3050, 17.5495,
45.1814

■ 47.0122, 51.9236,
50.7249

■ 24.3280, 14.6588,
44.7277

■ 52.1302, 60.8738,
52.1827

■ 22.7058, 12.4470,
44.3863

■ 57.7718, 70.8386,
53.8088

■ 21.4067, 10.8508,
44.1466

■ 63.9529, 81.8494,
55.6083

■ 20.3925, 9.7942,
43.9962

■ 67.0770, 86.7128,
56.3824

■ 19.7402, 9.2247,
43.9206

■ 68.0323, 87.2053,
56.4271

■ 69.0102, 87.7094,
56.4729

Harmonies

Analogous

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



31.5864, 30.8221, 54.6734



34.6296, 30.8221, 47.3041



36.2825, 30.8221, 37.0261

Triad

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



34.6296, 30.8221, 47.3041



30.4820, 30.8221, 18.1835



23.5136, 30.8221, 40.3721

Complementary

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



34.6296, 30.8221, 47.3041



33.2686, 40.8326, 30.9404

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.



23.2685, 30.8221, 30.3173



34.6296, 30.8221, 47.3041



27.1181, 30.8221, 18.7309

Square

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



34.6296, 30.8221, 47.3041



33.7670, 30.8221, 21.0971



24.5393, 30.8221, 22.7750



25.2372, 30.8221, 50.1610

Rectangle

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



34.6296, 30.8221, 47.3041



36.2926, 30.8221, 30.4501



24.5393, 30.8221, 22.7750



23.2610, 30.8221, 36.8748

Sweetspot

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



34.6306, 30.8234, 47.3048



73.1122, 73.2517, 88.5802



29.6446, 30.0519, 47.4186



15.7083, 15.6724, 19.1194



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



34.6306, 30.8234, 47.3048



59.6527, 50.7173, 84.9400



35.2693, 31.2879, 41.2269



8.6802, 8.5592, 10.7009



13.8327, 6.4668, 30.6561



0.4776, 0.2253, 0.9666

Inverse Universe

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



33.5468, 30.5989, 32.1563



57.3847, 50.2751, 51.9864



32.8050, 40.4857, 35.7925



8.5636, 8.5321, 9.2001



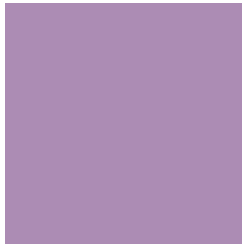
13.3789, 6.8691, 1.8895



0.4413, 0.2243, 0.1665

Previews

White Background



This preview shows how the XYZ color 34.6296, 30.8221, 47.3041 looks on a white background.

Color Contrast Check

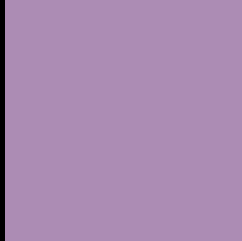
Large Text (above 18pt) WCAG AA × Fail

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 34.6296, 30.8221, 47.3041 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 ✓ Pass

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

XYZ 34.6296, 30.8221, 47.3041

Background



This preview shows how black text looks on a background with the XYZ color 34.6296, 30.8221, 47.3041.



This preview shows how white text looks on a background with the XYZ color 34.6296, 30.8221,

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

34.6296, 30.8221, 47.3041

Protanopia

30.7657, 30.7908, 50.7761

Deuteranopia

31.5193, 30.7975, 46.9311



Tritanopia

32.1225, 30.6716, 35.6797

Trichromacy



Original Color

34.6296, 30.8221, 47.3041

Protanomaly

32.0675, 30.7908, 49.6005

Deuteranomaly

32.4080, 30.5721, 46.8407

Tritanomaly

32.9762, 30.7966, 39.8036

Monochromacy



Original Color

34.6296, 30.8221, 47.3041

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

32.0562, 31.7163, 39.0826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.6296, 30.8221, 47.3041 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(172, 140, 180)` looks like.

```
.text, #text, p{  
    color:rgb(172, 140, 180)  
}
```

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(172, 140, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 140, 180) }
```

Border

The CSS property to change the border of an element to XYZ 34.6296, 30.8221, 47.3041 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(172, 140, 180) }
```


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

```
.border{ border-color:rgb(172, 140, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 140, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 140, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 140, 180);  
box-shadow:4px 4px 4px 4px rgb(172, 140,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 34.6296, 30.8221, 47.3041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 140, 180) }
```

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

```
.background{ background-color: rgb(172,  
140, 180) }
```

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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