

Converting Colors

XYZ(34.2086, 25.0620, 48.9334)

Have a look what the booklet for
XYZ(34.2086, 25.0620, 48.9334)
contains.

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Color

**XYZ(34.2086, 25.0620,
48.9334)**

Conversions

Conversions Part 1

Format	Color
Hex	B86FB9
RGB	184, 111, 185
RGB Percent	72%, 44%, 73%
CMY	0.2784, 0.5647, 0.2745
CMYK	0.01, 0.40, 0.00, 0.27
HSL	299°, 35%, 58%
HSV	299°, 40%, 73%
XYZ	34.2086, 25.0620, 48.9334
YIQ	141.2630, 19.7540, 38.4900

Conversions

Conversions Part 2

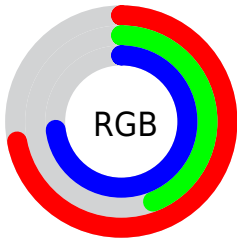
Format	Color
RYB	184, 111, 185
Decimal	12087225
CIELab	57.14, 40.42, -27.10
CIELCh	57, 48.664, 326.161
Yxy	25.0620, 0.3161, 0.2316
Android (android.graphics.Color)	4290277305 (0xFFB86FB9)
YUV	141.2630, 21.5623, 37.4803
Hunter-Lab	50.0620, 34.3651, -22.9100

Details

The XYZ color **34.2086, 25.0620, 48.9334** is a light color, and the websafe version is hex **996699**. A complement of this color would be **26.9011, 39.2909, 21.2062**, and the grayscale version is **25.3339, 26.6533, 29.0254**.

A 20% lighter version of the original color is **65.4283, 51.6026, 89.7309**, and **14.8340, 9.5648, 22.8941** is the 20% darker color. If you saturate the color by 10%, you get **32.3357, 21.4044, 48.3265**, and if you desaturate by 10%, it is **36.5013, 29.5579, 49.6807**.

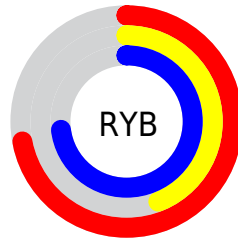
Distribution



Red (72%)

Green (44%)

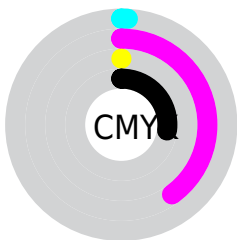
Blue (73%)



Red (72%)

Yellow (44%)

Blue (73%)

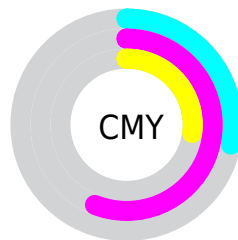


Cyan (1%)

Magenta (40%)

Yellow (0%)

Black (27%)



Cyan (28%)


Magenta (56%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.2086, 25.0620, 48.9334 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 34.2086, 25.0620, 48.9334 by changing the saturation by 10% instead.

 34.2086, 25.0620,
48.9334


 34.2086, 25.0620,
48.9334


312.6308,
278.1466, 399.0950

 23.2175, 16.1233,
34.2014


 65.6001, 51.7578,
89.9725


 14.8758, 9.6114,
22.7698


 86.7312, 70.2836,
117.1167

 8.8180, 5.1421,
14.2199

 111.9730, 92.7739,
149.2354

 4.6788, 2.3309,
8.1333

 141.6910,
119.6131, 186.7471

 2.0929, 0.7900,
4.0914

176.2504,
151.1856, 230.0704

 0.6853, 0.0000,
1.6756

216.0166,

 0.0000, 0.0000,

187.8757, 279.6237

0.3439

261.3549,
230.0679, 335.8258

■ 0.0000, 0.0000,
0.0000

■ 34.2086, 25.0620,
48.9334

■ 34.2086, 25.0620,
48.9334

■ 32.3357, 21.4044,
48.3265

■ 36.5013, 29.5579,
49.6807

■ 30.8541, 18.5298,
47.8497

■ 39.2350, 34.9363,
50.5748

■ 29.7357, 16.3815,
47.4940


■ 42.4326, 41.2423,
51.6234


■ 28.9477, 14.8937,
47.2484


■ 46.1146, 48.5169,
52.8335


■ 28.4512, 13.9889,
47.0999

■ 50.3003, 56.7988,
54.2115


 28.1674, 13.5093,
47.0223

 55.0080, 66.1244,
55.7633

 28.1674, 13.5092,
47.0223

 60.2549, 76.5283,
57.4950

 64.7667, 85.4619,
58.9815

 64.8274, 85.4932,
58.9844

Harmonies

Analogous

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



29.0229, 25.0620, 66.6022



34.2086, 25.0620, 48.9334



36.6098, 25.0620, 29.4588

Triad

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



34.2086, 25.0620, 48.9334



24.5670, 25.0620, 6.3457



15.2277, 25.0620, 43.7221

Complementary

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



34.2086, 25.0620, 48.9334



26.9011, 39.2909, 21.2062

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.



14.4221, 25.0620, 25.2270



34.2086, 25.0620, 48.9334



19.2805, 25.0620, 7.6196

Square

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



34.2086, 25.0620, 48.9334



30.5070, 25.0620, 8.5595



15.7825, 25.0620, 13.2050



18.1905, 25.0620, 62.8405

Rectangle

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



34.2086, 25.0620, 48.9334



36.0650, 25.0620, 19.4055



15.7825, 25.0620, 13.2050



14.7184, 25.0620, 37.0602

Sweetspot

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



34.2094, 25.0631, 48.9339



74.6639, 71.2352, 92.0192



21.1335, 18.5234, 48.3608



15.9320, 15.0332, 19.7836



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.2094, 25.0631, 48.9339



58.2813, 39.0532, 86.6709



31.1363, 23.8616, 31.4972



9.3686, 9.1564, 11.3530



19.1846, 9.2012, 32.0179



0.6801, 0.3263, 1.1289

Inverse Universe

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



28.6174, 22.8541, 18.2331



46.9007, 34.5615, 24.0047



29.1535, 40.1773, 33.7273



9.0094, 9.0141, 9.3969



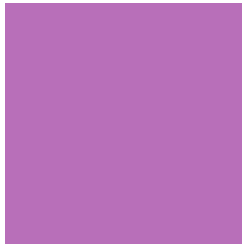
13.6349, 7.0277, 0.6982



0.4823, 0.2484, 0.0334

Previews

White Background



This preview shows how the XYZ color 34.2086, 25.0620, 48.9334 looks on a white background.

Color Contrast Check

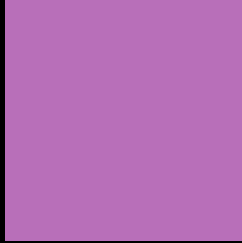
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.2086, 25.0620, 48.9334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

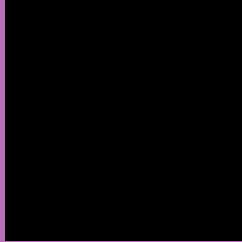
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.2086, 25.0620, 48.9334

Background



This preview shows how black text looks on a background with the XYZ color 34.2086, 25.0620, 48.9334.



This preview shows how white text looks on a background with the XYZ color 34.2086, 25.0620,

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

34.2086, 25.0620, 48.9334

Protanopia

26.5025, 25.2650, 60.6065

Deuteranopia

25.9065, 25.2533, 47.2250



Tritanopia

29.2559, 24.9321, 25.1002

Trichromacy



Original Color

34.2086, 25.0620, 48.9334

Protanomaly

28.1864, 24.4419, 56.0555

Deuteranomaly

28.1171, 24.5950, 47.5213

Tritanomaly

30.8867, 24.8945, 32.4554

Monochromacy



Original Color

34.2086, 25.0620, 48.9334

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.9731, 25.5677, 35.3590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.2086, 25.0620, 48.9334 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(184, 111, 185)` looks like.

```
.text, #text, p{  
    color:rgb(184, 111, 185)  
}
```

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(184, 111, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 111, 185) }
```

Border

The CSS property to change the border of an element to XYZ 34.2086, 25.0620, 48.9334 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(184, 111, 185) }
```


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

```
.border{ border-color:rgb(184, 111, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 111, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 111, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 111, 185);  
box-shadow:4px 4px 4px 4px rgb(184, 111,  
185) }
```

Background

The CSS property to change the background color of an element to XYZ 34.2086, 25.0620, 48.9334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 111, 185) }
```

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

```
.background{ background-color: rgb(184,  
111, 185) }
```

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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