

Converting Colors

XYZ(34.2464, 25.1016, 65.4484)

Have a look what the booklet for
XYZ(34.2464, 25.1016, 65.4484)
contains.

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Color

**XYZ(34.1510, 24.9987,
65.3126)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | A971D4 |
| RGB | 169, 113, 212 |
| RGB Percent | 66%, 44%, 83% |
| CMY | 0.3372, 0.5569, 0.1686 |
| CMYK | 0.20, 0.47, 0.00, 0.17 |
| HSL | 274°, 54%, 64% |
| HSV | 274°, 47%, 83% |
| XYZ | 34.1510, 24.9987, 65.3126 |
| YIQ | 141.0300, 1.5970, 42.6610 |

Conversions

Conversions Part 2

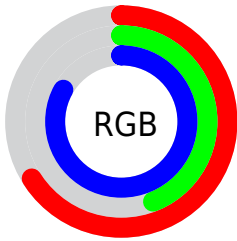
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 169, 113, 212 |
| Decimal | 11104724 |
| CIE Lab | 57.07, 40.49, -42.68 |
| CIE LCh | 57, 58.829, 313.488 |
| Yxy | 24.9987, 0.2744, 0.2009 |
| Android (android.graphics.Color) | 4289294804 (0xFFA971D4) |
| YUV | 141.0300, 34.9882, 24.5297 |
| Hunter-Lab | 49.9987, 34.4245, -42.4506 |

Details

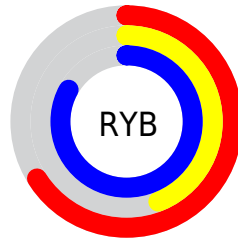
The XYZ color **34.1510, 24.9987, 65.3126** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **40.2349, 55.3476, 24.1862**, and the grayscale version is **25.1968, 26.5090, 28.8683**.

A 20% lighter version of the original color is **63.0502, 50.6612, 101.0632**, and **14.8027, 9.5667, 32.9647** is the 20% darker color. If you saturate the color by 10%, you get **30.1500, 19.8261, 64.5255**, and if you desaturate by 10%, it is **38.8454, 31.3498, 66.2915**.

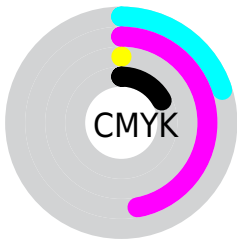
Distribution



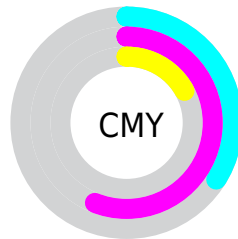
- Red (66%)
- Green (44%)
- Blue (83%)



- Red (66%)
- Yellow (44%)
- Blue (83%)



- Cyan (20%)
- Magenta (47%)
- Yellow (0%)
- Black (17%)





- Cyan (34%)
- Magenta (56%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.1510, 24.9987, 65.3126 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 34.1510, 24.9987, 65.3126 by changing the saturation by 10% instead.


 34.1510, 24.9987,
65.3126


 34.1510, 24.9987,
65.3126

312.3789,
277.8315, 462.2514


 23.1731, 16.0761,
47.2616


 65.5111, 51.6551,
114.1167


 14.8427, 9.5780,
32.8867


 86.6241, 70.1577,
145.7070

 8.7947, 5.1201,
21.7693


 111.8460, 92.6224,
182.6475

 4.6635, 2.3179,
13.4908

 141.5424,
119.4336, 225.3566

 2.0839, 0.7832,
7.6327

176.0785,
150.9757, 274.2531

 0.6805, 0.0000,
3.7764

215.8197,

 0.0000, 0.0000,

187.6332, 329.7553

1.5035

261.1314,
229.7903, 392.2819

■ 0.0000, 0.0000,
0.2205

■ 0.0000, 0.0000,
0.0000

■ 34.1510, 24.9987,
65.3126

■ 34.1510, 24.9987,
65.3126

■ 30.1500, 19.8261,
64.5255

■ 38.8454, 31.3498,
66.2915

■ 26.7977, 15.7495,
63.9153

■ 44.2683, 38.9482,
67.4723

■ 24.0480, 12.6800,
63.4677

■ 50.4558, 47.8611,
68.8666

■ 21.8463, 10.5130,
63.1655

■ 57.4404, 58.1498,
70.4843

20.1228, 9.1137,
62.9863

65.2528, 69.8717,
72.3351

19.6186, 8.7410,
62.9409

73.9217, 83.0807,
74.4278

81.3977, 93.6743,
76.0786

84.4906, 95.2688,
76.2233

87.7429, 96.9454,
76.3755

Harmonies

Analogous

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



27.0029, 24.9987, 83.6799



34.1510, 24.9987, 65.3126



38.9471, 24.9987, 39.5583

Triad

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



34.1510, 24.9987, 65.3126



27.7489, 24.9987, 4.5862



13.0232, 24.9987, 37.1160

Complementary

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



34.1510, 24.9987, 65.3126



40.2349, 55.3476, 24.1862

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.



13.1454, 24.9987, 17.7568



34.1510, 24.9987, 65.3126



20.7886, 24.9987, 4.4292

Square

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



34.1510, 24.9987, 65.3126



34.7878, 24.9987, 8.5080



15.7254, 24.9987, 7.8692



15.3510, 24.9987, 62.7949

Rectangle

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



34.1510, 24.9987, 65.3126



39.6807, 24.9987, 24.9651



15.7254, 24.9987, 7.8692



12.7951, 24.9987, 29.6053

Sweetspot

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



34.1519, 24.9997, 65.3132



79.2236, 76.4766, 105.1937



30.8447, 32.5655, 66.9478



16.4823, 15.6750, 22.4068



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



34.1519, 24.9997, 65.3132



45.8528, 30.1870, 98.0177



44.3257, 30.3155, 62.5793



12.4081, 12.3518, 15.6677



12.2283, 5.4564, 38.8618



0.8317, 0.3776, 2.3484

Inverse Universe

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



39.0578, 28.2084, 34.8391



54.7180, 35.9572, 44.2149



33.6213, 51.9050, 25.3715



12.6450, 12.5095, 14.0707



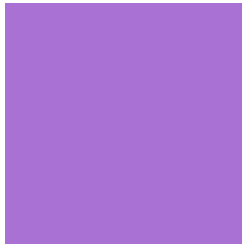
18.0049, 9.1383, 7.3299



1.1271, 0.5676, 0.6586

Previews

White Background



This preview shows how the XYZ color 34.1510, 24.9987, 65.3126 looks on a white background.

Color Contrast Check

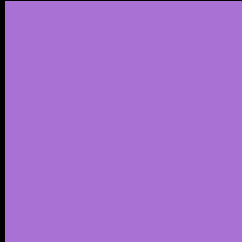
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.1510, 24.9987, 65.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

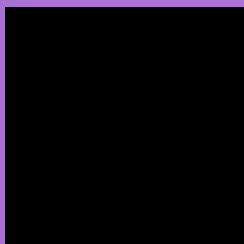
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.1510, 24.9987, 65.3126

Background



This preview shows how black text looks on a background with the XYZ color 34.1510, 24.9987, 65.3126.



This preview shows how white text looks on a background with the XYZ color 34.1510, 24.9987,

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

34.1510, 24.9987, 65.3126

Protanopia

27.7728, 25.3065, 79.0222

Deuteranopia

25.9171, 25.3394, 62.5565



Tritanopia

26.6209, 25.0268, 28.2385

Trichromacy



Original Color

34.1510, 24.9987, 65.3126

Protanomaly

29.0838, 24.5145, 73.7199

Deuteranomaly

28.1299, 24.6310, 63.5933

Tritanomaly

28.7885, 24.7455, 39.3354

Monochromacy



Original Color

34.1510, 24.9987, 65.3126

Achromatopsia

25.3171, 26.6356, 29.0061

Achromatomaly

27.8538, 25.6019, 40.0328

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.1510, 24.9987, 65.3126 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(169, 113, 212)` looks like.

```
.text, #text, p{  
    color:rgb(169, 113, 212)  
}
```

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(169, 113, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 113, 212) }
```

Border

The CSS property to change the border of an element to XYZ 34.1510, 24.9987, 65.3126 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(169, 113, 212) }
```


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

```
.border{ border-color:rgb(169, 113, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 113, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 113, 212); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 113, 212); box-shadow:4px 4px 4px 4px rgb(169, 113, 212) }
```

Background

The CSS property to change the background color of an element to XYZ 34.1510, 24.9987, 65.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 113, 212) }
```

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

```
.background{ background-color: rgb(169,  
113, 212) }
```

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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