

Converting Colors

XYZ(34.8854, 26.2070, 74.4540)

Have a look what the booklet for
XYZ(34.8854, 26.2070, 74.4540)
contains.

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Color

**XYZ(34.8854, 26.2070,
74.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	A177E1
RGB	161, 119, 225
RGB Percent	63%, 47%, 88%
CMY	0.3686, 0.5333, 0.1176
CMYK	0.28, 0.47, 0.00, 0.12
HSL	264°, 64%, 67%
HSV	264°, 47%, 88%
XYZ	34.8854, 26.2070, 74.4540
YIQ	143.6420, -8.9940, 41.8700

Conversions

Conversions Part 2

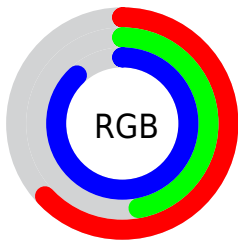
Format	Color
R _{YB}	161, 119, 225
Decimal	10581985
CIE _{Lab}	58.23, 38.02, -48.21
CIE _{LCh}	58, 61.400, 308.260
Yxy	26.2070, 0.2574, 0.1933
Android (android.graphics.Color)	4288772065 (0xFFFA177E1)
YUV	143.6420, 40.1095, 15.2230
Hunter-Lab	51.1928, 32.0518, -50.3955

Details

The XYZ color **34.8854, 26.2070, 74.4540** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **49.7840, 65.2502, 27.4243**, and the grayscale version is **26.2130, 27.5781, 30.0326**.

A 20% lighter version of the original color is **61.7160, 51.6305, 101.3206**, and **15.2334, 10.1850, 38.6991** is the 20% darker color. If you saturate the color by 10%, you get **29.9274, 20.1359, 73.5439**, and if you desaturate by 10%, it is **40.7767, 33.7010, 75.5905**.

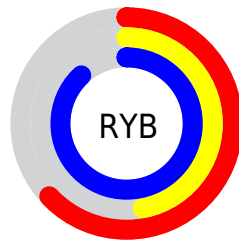
Distribution



Red (63%)

Green (47%)

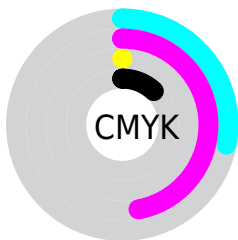
Blue (88%)



Red (63%)

Yellow (47%)

Blue (88%)

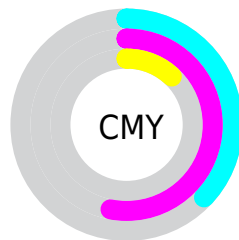


Cyan (28%)

Magenta (47%)

Yellow (0%)

Black (12%)



Cyan (37%)

Magenta (53%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.8854, 26.2070, 74.4540 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 34.8854, 26.2070, 74.4540 by changing the saturation by 10% instead.

■ 34.8854, 26.2070,
74.4540

■ 34.8854, 26.2070,
74.4540

315.5791,
283.7968, 495.2441

■ 23.7407, 16.9786,
54.6667

■ 66.6434, 53.6087,
127.2792

■ 15.2651, 10.2192,
38.7381

■ 87.9874, 72.5508,
161.1541

■ 9.0932, 5.5445,
26.2498

■ 113.4619, 95.4995,
200.5619

■ 4.8596, 2.5702,
16.7832

143.4322,
122.8392, 245.9212

■ 2.1990, 0.9117,
9.9197

178.2638,
154.9545, 297.6505

■ 0.7422, 0.0000,
5.2408

218.3218,

■ 0.0000, 0.0000,

192.2295, 356.1684

2.3281

263.9718,
235.0488, 421.8934

■ 0.0000, 0.0000,
0.7469

■ 0.0000, 0.0000,
0.0000

■ 34.8854, 26.2070,
74.4540

■ 34.8854, 26.2070,
74.4540

■ 29.9274, 20.1359,
73.5439

■ 40.7767, 33.7010,
75.5905

■ 25.8447, 15.3889,
72.8429

■ 47.6483, 42.7016,
76.9656

■ 22.5769, 11.8590,
72.3338

■ 55.5473, 53.2892,
78.5929

■ 20.0532, 9.4201,
71.9960

■ 64.5168, 65.5377,
80.4843

■ 18.1835, 7.9087,
71.8028

■ 74.5974, 79.5162,
82.6511

■ 17.7252, 7.5677,
71.7612

■ 85.8273, 95.2899,
85.1039

■ 90.5907, 98.2163,
85.4177

Harmonies

Analogous

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



27.0264, 26.2070, 91.5250



34.8854, 26.2070, 74.4540



40.7439, 26.2070, 46.6093

Triad

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



34.8854, 26.2070, 74.4540



30.6068, 26.2070, 4.8620



13.2424, 26.2070, 34.8508

Complementary

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



34.8854, 26.2070, 74.4540



49.7840, 65.2502, 27.4243

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.



13.8224, 26.2070, 15.8665



34.8854, 26.2070, 74.4540



22.9052, 26.2070, 4.1348

Square

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



34.8854, 26.2070, 74.4540



37.9504, 26.2070, 9.9111



17.0428, 26.2070, 6.9101



15.2607, 26.2070, 62.2678

Rectangle

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



34.8854, 26.2070, 74.4540



42.1669, 26.2070, 29.8003



17.0428, 26.2070, 6.9101



13.1493, 26.2070, 27.3060

Sweetspot

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



34.8864, 26.2080, 74.4546



77.2098, 75.4384, 105.0994



38.4159, 43.7926, 77.6628



15.9928, 15.4226, 22.3839



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.



34.8864, 26.2080, 74.4546



39.5759, 26.5384, 97.6443



47.5225, 32.7221, 75.0460



13.4634, 13.5069, 17.2852



10.3370, 4.4242, 41.3575



0.8153, 0.3576, 2.8713

Inverse Universe

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



46.1960, 32.6209, 48.6618



56.9030, 36.3864, 57.0925



39.6727, 60.0376, 26.9511



14.0530, 13.8388, 16.0494



20.5068, 10.2697, 14.6006



1.4652, 0.7293, 1.2424

Previews

White Background



This preview shows how the XYZ color 34.8854, 26.2070, 74.4540 looks on a white background.

Color Contrast Check

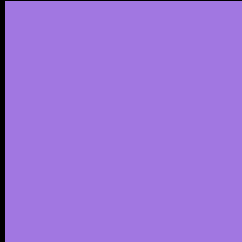
Large Text (above 18pt) WCAG AA ✓ Pass

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 34.8854, 26.2070, 74.4540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

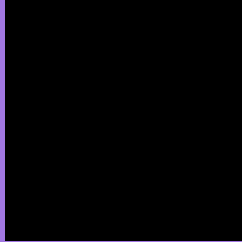
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 34.8854, 26.2070, 74.4540

Background



This preview shows how black text looks on a background with the XYZ color 34.8854, 26.2070, 74.4540.



This preview shows how white text looks on a background with the XYZ color 34.8854, 26.2070,

74.4540.

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

34.8854, 26.2070, 74.4540

Protanopia

29.4389, 26.6219, 86.8060

Deuteranopia

27.2531, 26.4634, 72.0782



Tritanopia

26.1450, 26.1404, 31.6846

Trichromacy



Original Color

34.8854, 26.2070, 74.4540

Protanomaly

30.4492, 25.8150, 81.9752

Deuteranomaly

29.1818, 25.7695, 72.5432

Tritanomaly

28.5816, 25.6792, 44.5245

Monochromacy



Original Color

34.8854, 26.2070, 74.4540

Achromatopsia

26.5089, 27.8894, 30.3716

Achromatomaly

28.7845, 26.8291, 43.1966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.8854, 26.2070, 74.4540 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(161, 119, 225)` looks like.

```
.text, #text, p{  
    color:rgb(161, 119, 225)  
}
```

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(161, 119, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 119, 225) }
```

Border

The CSS property to change the border of an element to XYZ 34.8854, 26.2070, 74.4540 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(161, 119, 225) }
```


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

```
.border{ border-color:rgb(161, 119, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 119, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 119, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 119, 225);  
box-shadow:4px 4px 4px 4px rgb(161, 119,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 34.8854, 26.2070, 74.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 119, 225) }
```

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

```
.background{ background-color: rgb(161,  
119, 225) }
```

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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