

Converting Colors

XYZ(35.4529, 34.5316, 48.3266)

Have a look what the booklet for
XYZ(35.4529, 34.5316, 48.3266)
contains.

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Color

**XYZ(35.4131, 34.4467,
48.4985)**

Conversions

Conversions Part 1

Format	Color
Hex	A59AB5
RGB	165, 154, 181
RGB Percent	65%, 60%, 71%
CMY	0.3529, 0.3961, 0.2902
CMYK	0.09, 0.15, 0.00, 0.29
HSL	264°, 15%, 66%
HSV	264°, 15%, 71%
XYZ	35.4131, 34.4467, 48.4985
YIQ	160.3670, -2.1110, 10.7290

Conversions

Conversions Part 2

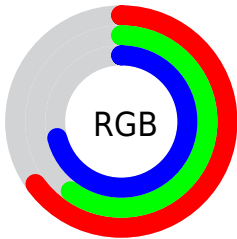
Format	Color
R_{YB}	165, 154, 181
Decimal	10853045
CIE _{Lab}	65.32, 9.29, -12.54
CIE _{LCh}	65, 15.606, 306.526
Yxy	34.4467, 0.2992, 0.2910
Android (android.graphics.Color)	4289043125 (0xFFA59AB5)
YUV	160.3670, 10.1721, 4.0631
Hunter-Lab	58.6913, 4.9933, -7.9093

Details

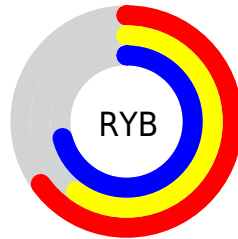
The XYZ color **35.4131, 34.4467, 48.4985** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.9355, 43.9278, 37.0003**, and the grayscale version is **33.5390, 35.2856, 38.4260**.

A 20% lighter version of the original color is **67.3571, 66.4418, 89.3952**, and **15.5566, 14.7697, 22.4530** is the 20% darker color. If you saturate the color by 10%, you get **30.5099, 27.8144, 47.4773**, and if you desaturate by 10%, it is **40.9560, 42.0793, 49.6801**.

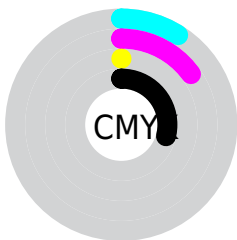
Distribution



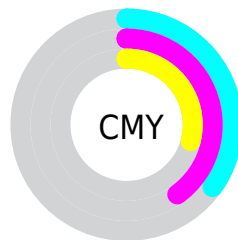
- Red (65%)
- Green (60%)
- Blue (71%)



- Red (65%)
- Yellow (60%)
- Blue (71%)



- Cyan (9%)
- Magenta (15%)
- Yellow (0%)
- Black (29%)



- Cyan (35%)
- Magenta (40%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.4131, 34.4467, 48.4985 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 35.4131, 34.4467, 48.4985 by changing the saturation by 10% instead.

■ 35.4131, 34.4467,
48.4985

■ 35.4131, 34.4467,
48.4985

317.8642,
322.1193, 397.3302

■ 24.1493, 23.2370,
33.8590

■ 67.4550, 66.6277,
89.3194

■ 15.5697, 14.7686,
22.5088

■ 88.9639, 88.3678,
116.3380

■ 9.3091, 8.6571,
14.0294

114.6184,
114.3868, 148.3199

■ 5.0021, 4.5182,
8.0021

144.7840,
145.0691, 185.6839

■ 2.2832, 1.9675,
4.0085

179.8260,
180.7991, 228.8483

■ 0.7861, 0.5885,
1.6300

220.1098,

■ 0.0000, 0.0000,

221.9612, 278.2319

0.3121

266.0007,
268.9398, 334.2530

■ 0.0000, 0.0000,
0.0000

■ 35.4131, 34.4467,
48.4985

■ 35.4131, 34.4467,
48.4985

■ 30.5099, 27.8144,
47.4773

■ 40.9560, 42.0793,
49.6801

■ 26.2186, 22.1355,
46.6073

■ 47.1587, 50.7478,
51.0264

■ 22.5139, 17.3658,
45.8819

■ 54.0443, 60.4913,
52.5442

■ 19.3674, 13.4556,
45.2930

■ 61.6338, 71.3457,
54.2393

■ 16.7479, 10.3506,
44.8318

■ 69.9472, 83.3451,
56.1172

■ 14.6210, 7.9899,
44.4882

■ 76.5295, 91.5740,
57.3586

■ 12.9475, 6.3034,
44.2509

■ 80.0662, 93.3972,
57.5241

■ 11.6804, 5.2063,
44.1059

■ 83.8182, 95.3314,
57.6997

■ 11.1441, 4.7815,
44.0522

■ 85.3406, 96.1162,
57.7710

Harmonies

Analogous

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



33.2401, 34.4467, 51.3772



35.4131, 34.4467, 48.4985



36.9180, 34.4467, 42.7201

Triad

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



35.4131, 34.4467, 48.4985



34.5137, 34.4467, 27.1513



28.5850, 34.4467, 38.9482

Complementary

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



35.4131, 34.4467, 48.4985



38.9355, 43.9278, 37.0003

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.



28.8908, 34.4467, 32.7355



35.4131, 34.4467, 48.4985



32.2460, 34.4467, 26.3883

Square

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



35.4131, 34.4467, 48.4985



36.3821, 34.4467, 30.5349



30.2060, 34.4467, 28.3153



29.3505, 34.4467, 45.4661

Rectangle

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



35.4131, 34.4467, 48.4985



37.3027, 34.4467, 38.2706



30.2060, 34.4467, 28.3153



28.5664, 34.4467, 36.7528

Sweetspot

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



35.4141, 34.4482, 48.4993



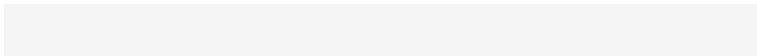
74.2467, 76.6067, 89.1680



36.0804, 39.0319, 49.3489



15.8772, 16.3211, 19.2357



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.



35.4141, 34.4482, 48.4993



60.3263, 57.4771, 86.2093



38.3261, 35.9493, 48.6355



8.3588, 8.3935, 10.6859



7.7569, 3.3346, 30.3718



0.3110, 0.1394, 0.9588

Inverse Universe

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



37.8686, 35.8387, 42.9536



65.6367, 60.4875, 74.1333



36.2040, 42.5197, 36.8725



8.7006, 8.5870, 9.9217



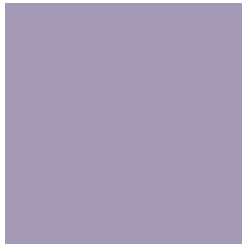
15.0112, 7.5220, 10.4847



0.5004, 0.2479, 0.4776

Previews

White Background



This preview shows how the XYZ color 35.4131, 34.4467, 48.4985 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 35.4131, 34.4467, 48.4985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

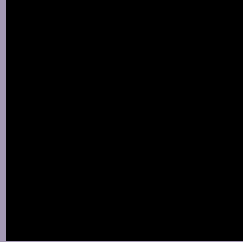
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.4131, 34.4467, 48.4985

Background



This preview shows how black text looks on a background with the XYZ color 35.4131, 34.4467, 48.4985.



This preview shows how white text looks on a background with the XYZ color 35.4131, 34.4467,

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

35.4131, 34.4467, 48.4985

Protanopia

33.9306, 34.4029, 49.6518

Deuteranopia

35.1661, 34.5654, 48.5344



Tritanopia

34.0606, 34.3906, 41.8887

Trichromacy



Original Color

35.4131, 34.4467, 48.4985

Protanomaly

34.4325, 34.4234, 49.0856

Deuteranomaly

35.3717, 34.6714, 48.5440

Tritanomaly

34.5740, 34.3523, 44.3436

Monochromacy



Original Color

35.4131, 34.4467, 48.4985

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.1950, 34.9623, 41.9919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.4131, 34.4467, 48.4985 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(165, 154, 181)` looks like.

```
.text, #text, p{  
    color:rgb(165, 154, 181)  
}
```

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(165, 154, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 154, 181) }
```

Border

The CSS property to change the border of an element to XYZ 35.4131, 34.4467, 48.4985 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(165, 154, 181) }
```


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

```
.border{ border-color:rgb(165, 154, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 154, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 154, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 154, 181);  
box-shadow:4px 4px 4px 4px rgb(165, 154,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 35.4131, 34.4467, 48.4985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 154, 181) }
```

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

```
.background{ background-color: rgb(165,  
154, 181) }
```

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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