

Converting Colors

XYZ(35.4615, 34.5425, 47.0943)

Have a look what the booklet for
XYZ(35.4615, 34.5425, 47.0943)
contains.

XYZ(35.3174, 34.4325, 46.9042)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(35.3174, 34.4325,
46.9042)**

Conversions

Conversions Part 1

Format	Color
Hex	A69AB2
RGB	166, 154, 178
RGB Percent	65%, 60%, 70%
CMY	0.3490, 0.3961, 0.3020
CMYK	0.07, 0.13, 0.00, 0.30
HSL	270°, 13%, 65%
HSV	270°, 13%, 70%
XYZ	35.3174, 34.4325, 46.9042
YIQ	160.3240, -0.5520, 10.0080

Conversions

Conversions Part 2

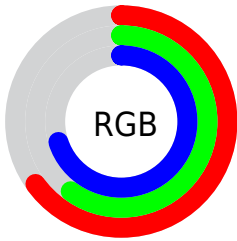
Format	Color
R_{YB}	166, 154, 178
Decimal	10918578
CIE Lab	65.30, 9.01, -10.87
CIE LCh	65, 14.118, 309.668
Yxy	34.4325, 0.3028, 0.2952
Android (android.graphics.Color)	4289108658 (0xFFA69AB2)
YUV	160.3240, 8.7143, 4.9779
Hunter-Lab	58.6792, 4.7456, -6.3170

Details

The XYZ color **35.3174, 34.4325, 46.9042** is a light color, and the websafe version is hex **999999**. A complement of this color would be **37.4801, 42.2817, 36.7592**, and the grayscale version is **33.5251, 35.2711, 38.4102**.

A 20% lighter version of the original color is **67.2260, 66.4244, 87.1199**, and **15.4913, 14.7586, 21.4342** is the 20% darker color. If you saturate the color by 10%, you get **30.7932, 28.0584, 45.9128**, and if you desaturate by 10%, it is **40.4084, 41.7474, 48.0483**.

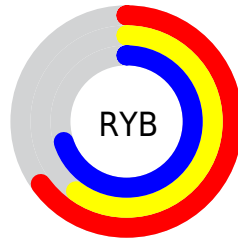
Distribution



Red (65%)

Green (60%)

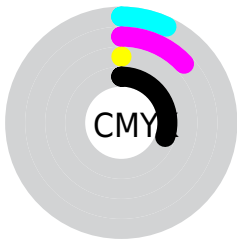
Blue (70%)



Red (65%)

Yellow (60%)

Blue (70%)

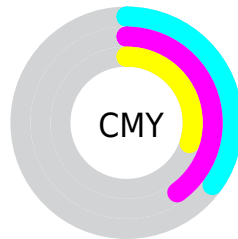


Cyan (7%)

Magenta (13%)

Yellow (0%)

Black (30%)



Cyan (35%)

Magenta (40%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.3174, 34.4325, 46.9042 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 35.3174, 34.4325, 46.9042 by changing the saturation by 10% instead.

■ 35.3174, 34.4325,
46.9042

■ 35.3174, 34.4325,
46.9042

317.4506,
322.0563, 390.8147

■ 24.0751, 23.2261,
32.6061

■ 67.3080, 66.6057,
86.9191

■ 15.5144, 14.7605,
21.5562

■ 88.7870, 88.3412,
113.4730

■ 9.2699, 8.6515,
13.3360

114.4089,
114.3552, 144.9492

■ 4.9761, 4.5146,
7.5269

144.5392,
145.0321, 181.7664

■ 2.2679, 1.9654,
3.7103

179.5432,
180.7562, 224.3430

■ 0.7782, 0.5872,
1.4678

219.7862,

■ 0.0000, 0.0000,

221.9121, 273.0975

0.1938

265.6335,
268.8839, 328.4486

■ 0.0000, 0.0000,
0.0000

■ 35.3174, 34.4325,
46.9042

■ 35.3174, 34.4325,
46.9042

■ 30.7932, 28.0584,
45.9128

■ 40.4084, 41.7474,
48.0483

■ 26.8111, 22.5811,
45.0655

■ 46.0837, 50.0359,
49.3490

■ 23.3489, 17.9598,
44.3560

■ 52.3635, 59.3345,
50.8129

■ 20.3816, 14.1483,
43.7767

■ 59.2664, 69.6765,
52.4453

■ 17.8818, 11.0965,
43.3194

■ 66.8099, 81.0938,
54.2514

■ 15.8192, 8.7479,
42.9748

■ 73.1313, 89.8573,
55.6098

■ 14.1593, 7.0380,
42.7322

■ 75.8877, 91.2783,
55.7388

■ 12.8611, 5.8899,
42.5790

■ 78.7897, 92.7743,
55.8746

■ 12.1555, 5.3381,
42.5097

■ 81.8392, 94.3464,
56.0173

Harmonies

Analogous

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



33.3958, 34.4325, 49.8034



35.3174, 34.4325, 46.9042



36.5778, 34.4325, 41.5664

Triad

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



35.3174, 34.4325, 46.9042



34.1207, 34.4325, 27.8407



28.9807, 34.4325, 39.4259

Complementary

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



35.3174, 34.4325, 46.9042



37.4801, 42.2817, 36.7592

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.



29.1565, 34.4325, 33.6914



35.3174, 34.4325, 46.9042



32.0673, 34.4325, 27.3963

Square

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



35.3174, 34.4325, 46.9042



35.8671, 34.4325, 30.7151



30.2666, 34.4325, 29.4301



29.7759, 34.4325, 45.1970

Rectangle

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



35.3174, 34.4325, 46.9042



36.8438, 34.4325, 37.5568



30.2666, 34.4325, 29.4301



28.9290, 34.4325, 37.4256

Sweetspot

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



35.3184, 34.4340, 46.9050



72.7060, 74.8779, 87.0020



35.0726, 37.5037, 47.5104



15.9479, 16.3576, 19.2390



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.



35.3184, 34.4340, 46.9050



61.6517, 59.0431, 84.5282



37.8609, 35.7446, 47.0239



8.4332, 8.4319, 10.6894



8.7699, 3.8568, 30.4192



0.3432, 0.1560, 0.9603

Inverse Universe

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



36.7997, 35.3308, 40.9577



64.8647, 60.9883, 71.6284



35.1570, 41.0841, 36.6505



8.6676, 8.5738, 9.7482



14.4590, 7.3011, 7.5768



0.4844, 0.2415, 0.3935

Previews

White Background



This preview shows how the XYZ color 35.3174, 34.4325, 46.9042 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 35.3174, 34.4325, 46.9042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

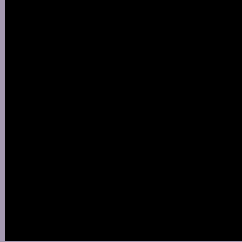
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.3174, 34.4325, 46.9042

Background



This preview shows how black text looks on a background with the XYZ color 35.3174, 34.4325, 46.9042.



This preview shows how white text looks on a background with the XYZ color 35.3174, 34.4325,

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

35.3174, 34.4325, 46.9042

Protanopia

33.8128, 34.3778, 48.0335

Deuteranopia

35.1085, 34.3249, 46.8944



Tritanopia

34.2662, 34.4966, 41.8983

Trichromacy



Original Color

35.3174, 34.4325, 46.9042

Protanomaly

34.3232, 34.4025, 47.4791

Deuteranomaly

35.1085, 34.3249, 46.8944

Tritanomaly

34.6848, 34.4206, 43.8455

Monochromacy



Original Color

35.3174, 34.4325, 46.9042

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.1022, 34.9251, 41.5031

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.3174, 34.4325, 46.9042 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(166, 154, 178)` looks like.

```
.text, #text, p{  
    color:rgb(166, 154, 178)  
}
```

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(166, 154, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 154, 178) }
```

Border

The CSS property to change the border of an element to XYZ 35.3174, 34.4325, 46.9042 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(166, 154, 178) }
```


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

```
.border{ border-color:rgb(166, 154, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 154, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 154, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 154, 178);  
box-shadow:4px 4px 4px 4px rgb(166, 154,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 35.3174, 34.4325, 46.9042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 154, 178) }
```

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

```
.background{ background-color: rgb(166,  
154, 178) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor