

Converting Colors

XYZ(34.5980, 30.4957, 59.8385)

Have a look what the booklet for
XYZ(34.5980, 30.4957, 59.8385)
contains.

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Color

**XYZ(34.7367, 30.5975,
59.9522)**

Conversions

Conversions Part 1

Format	Color
Hex	A18CCA
RGB	161, 140, 202
RGB Percent	63%, 55%, 79%
CMY	0.3686, 0.4510, 0.2078
CMYK	0.20, 0.31, 0.00, 0.21
HSL	260°, 37%, 67%
HSV	260°, 31%, 79%
XYZ	34.7367, 30.5975, 59.9522
YIQ	153.3470, -7.3860, 23.7340

Conversions

Conversions Part 2

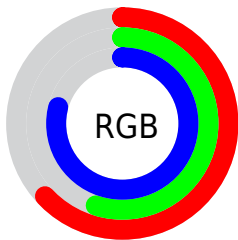
Format	Color
RYB	161, 140, 202
Decimal	10587338
CIELab	62.17, 20.56, -29.16
CIELCh	62, 35.674, 305.188
Yxy	30.5975, 0.2773, 0.2442
Android (android.graphics.Color)	4288777418 (0xFFA18CCA)
YUV	153.3470, 23.9859, 6.7117
Hunter-Lab	55.3150, 15.2931, -25.5399

Details

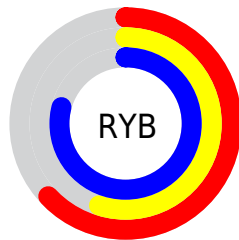
The XYZ color **34.7367, 30.5975, 59.9522** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **44.9111, 53.9590, 32.8603**, and the grayscale version is **30.3313, 31.9109, 34.7509**.

A 20% lighter version of the original color is **65.9571, 60.5553, 102.8198**, and **15.1858, 12.6386, 29.6561** is the 20% darker color. If you saturate the color by 10%, you get **29.5020, 23.9127, 58.9383**, and if you desaturate by 10%, it is **40.8028, 38.5166, 61.1615**.

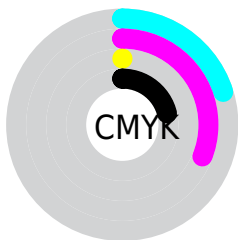
Distribution



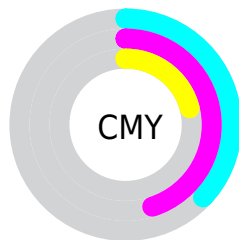
- Red (63%)
- Green (55%)
- Blue (79%)



- Red (63%)
- Yellow (55%)
- Blue (79%)



- Cyan (20%)
- Magenta (31%)
- Yellow (0%)
- Black (21%)



- Cyan (37%)
- Magenta (45%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.7367, 30.5975, 59.9522 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 34.7367, 30.5975, 59.9522 by changing the saturation by 10% instead.

■ 34.7367, 30.5975,
59.9522

■ 34.7367, 30.5975,
59.9522

314.9330,
304.6797, 442.2213

■ 23.6257, 20.2926,
42.9551

■ 66.4144, 60.6058,
106.3030

■ 15.1794, 12.6079,
29.5187

■ 87.7118, 81.0780,
136.4938

■ 9.0325, 7.1591,
19.2246

■ 113.1353,
105.7080, 171.9195

■ 4.8197, 3.5618,
11.6542

143.0504,
134.8802, 212.9987

■ 2.1755, 1.4316,
6.3890

177.8223,
168.9791, 260.1500

■ 0.7298, 0.2398,
3.0105

217.8165,

■ 0.0000, 0.0000,

208.3891, 313.7918

1.1000

263.3983,
253.4945, 374.3427

■ 0.0000, 0.0000,
0.0000

■ 34.7367, 30.5975,
59.9522

■ 34.7367, 30.5975,
59.9522

■ 29.5020, 23.9127,
58.9383

■ 40.8028, 38.5166,
61.1615

■ 25.0571, 18.3946,
58.1075

■ 47.7334, 47.7256,
62.5738

■ 21.3609, 13.9743,
57.4491

■ 55.5632, 58.2811,
64.1985

■ 18.3673, 10.5744,
56.9506

■ 64.3241, 70.2353,
66.0441

■ 16.0242, 8.1064,
56.5977

■ 74.0465, 83.6373,
68.1186

■ 14.2711, 6.4663,
56.3736

■ 82.7481, 94.5117,
69.7589

■ 13.0740, 5.5084,
56.2518

■ 87.4806, 96.9514,
69.9804

■ 87.6608, 97.0443,
69.9888

Harmonies

Analogous

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



29.9253, 30.5975, 67.2195



34.7367, 30.5975, 59.9522



38.2986, 30.5975, 45.6968

Triad

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



34.7367, 30.5975, 59.9522



33.1334, 30.5975, 14.6092



20.8181, 30.5975, 35.7652

Complementary

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



34.7367, 30.5975, 59.9522



44.9111, 53.9590, 32.8603

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.



21.4771, 30.5975, 23.4008



34.7367, 30.5975, 59.9522



28.2547, 30.5975, 13.3031

Square

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



34.7367, 30.5975, 59.9522



37.3039, 30.5975, 20.2772



24.0769, 30.5975, 16.0339



22.1667, 30.5975, 51.0047

Rectangle

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



34.7367, 30.5975, 59.9522



39.2926, 30.5975, 35.5847



24.0769, 30.5975, 16.0339



20.8139, 30.5975, 31.1449

Sweetspot

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



34.7377, 30.5987, 59.9529



82.7959, 83.4557, 106.3525



38.0686, 43.0242, 62.1757



17.3236, 17.3293, 22.6818



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.



34.7377, 30.5987, 59.9529



52.6260, 43.8734, 100.3025



41.6936, 34.1846, 60.2784



10.9539, 11.0256, 14.1212



8.4988, 3.5888, 36.2010



0.5192, 0.2268, 1.8713

Inverse Universe

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



42.0766, 34.6501, 48.1875



67.2489, 51.9576, 76.3269



38.4942, 50.6510, 32.5600



11.5198, 11.3366, 13.2717



18.4668, 9.1973, 15.4426



0.9872, 0.4883, 0.9787

Previews

White Background



This preview shows how the XYZ color 34.7367, 30.5975, 59.9522 looks on a white background.

Color Contrast Check

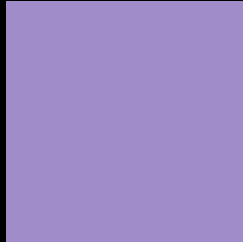
Large Text (above 18pt) WCAG AA × Fail

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 34.7367, 30.5975, 59.9522 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

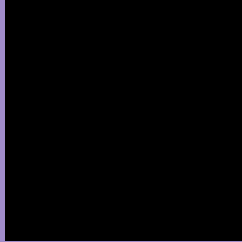
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.7367, 30.5975, 59.9522

Background



This preview shows how black text looks on a background with the XYZ color 34.7367, 30.5975, 59.9522.



This preview shows how white text looks on a background with the XYZ color 34.7367, 30.5975,

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

34.7367, 30.5975, 59.9522

Protanopia

31.4908, 30.6394, 63.9288

Deuteranopia

31.3318, 30.6683, 58.9118



Tritanopia

30.2615, 30.5879, 37.5668

Trichromacy



Original Color

34.7367, 30.5975, 59.9522

Protanomaly

32.5937, 30.5467, 62.5707

Deuteranomaly

32.5221, 30.5788, 59.4465

Tritanomaly

31.7679, 30.5140, 44.7729

Monochromacy



Original Color

34.7367, 30.5975, 59.9522

Achromatopsia

30.2779, 31.8547, 34.6897

Achromatomaly

31.6509, 31.1880, 42.8798

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.7367, 30.5975, 59.9522 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, 140, 202)` looks like.

```
.text, #text, p{  
    color:rgb(161, 140, 202)  
}
```

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, 140, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 140, 202) }
```

Border

The CSS property to change the border of an element to XYZ 34.7367, 30.5975, 59.9522 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, 140, 202) }
```


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

```
.border{ border-color:rgb(161, 140, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 140, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 140, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 140, 202);  
box-shadow:4px 4px 4px 4px rgb(161, 140,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 34.7367, 30.5975, 59.9522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 140, 202) }
```

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

```
.background{ background-color: rgb(161,  
140, 202) }
```

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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