

Converting Colors

XYZ(35.0968, 34.7616, 49.9877)

Have a look what the booklet for
XYZ(35.0968, 34.7616, 49.9877)
contains.

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Color

**XYZ(35.0374, 34.7112,
50.2007)**

Conversions

Conversions Part 1

Format	Color
Hex	A09CB8
RGB	160, 156, 184
RGB Percent	63%, 61%, 72%
CMY	0.3725, 0.3882, 0.2784
CMYK	0.13, 0.15, 0.00, 0.28
HSL	249°, 16%, 67%
HSV	249°, 15%, 72%
XYZ	35.0374, 34.7112, 50.2007
YIQ	160.3880, -6.6040, 9.5560

Conversions

Conversions Part 2

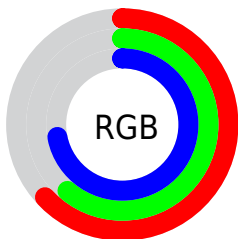
Format	Color
R _Y B	160, 156, 184
Decimal	10525880
CIE Lab	65.52, 7.12, -13.95
CIE LCh	66, 15.660, 297.030
Yxy	34.7112, 0.2921, 0.2894
Android (android.graphics.Color)	4288715960 (0xFFA09CB8)
YUV	160.3880, 11.6407, -0.3403
Hunter-Lab	58.9162, 3.0504, -9.2778

Details

The XYZ color **35.0374, 34.7112, 50.2007** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **41.9649, 46.3855, 38.1956**, and the grayscale version is **33.5436, 35.2905, 38.4314**.

A 20% lighter version of the original color is **66.7991, 66.8315, 91.8172**, and **15.3327, 14.9300, 23.5464** is the 20% darker color. If you saturate the color by 10%, you get **29.2252, 27.4741, 49.1107**, and if you desaturate by 10%, it is **41.7195, 43.0929, 51.4669**.

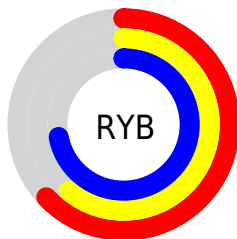
Distribution



Red (63%)

Green (61%)

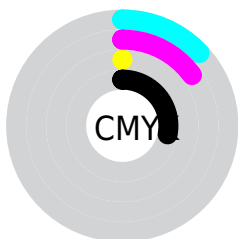
Blue (72%)



Red (63%)

Yellow (61%)

Blue (72%)

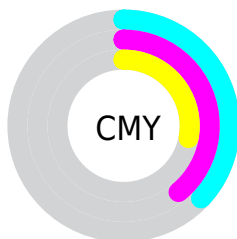


Cyan (13%)

Magenta (15%)

Yellow (0%)

Black (28%)



Cyan (37%)

Magenta (39%)

Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 35.0374, 34.7112, 50.2007 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 35.0374, 34.7112, 50.2007 by changing the saturation by 10% instead.

■ 35.0374, 34.7112,
50.2007

■ 35.0374, 34.7112,
50.2007

316.2385,
323.2917, 404.2078

■ 23.8583, 23.4405,
35.2006

■ 66.8773, 67.0381,
91.8715

■ 15.3527, 14.9191,
23.5326

■ 88.2689, 88.8631,
119.3794

■ 9.1552, 8.7626,
14.7783

113.7954,
114.9750, 151.8935

■ 4.9005, 4.5867,
8.5191

143.8221,
145.7582, 189.8325

■ 2.2232, 2.0069,
4.3363

178.7144,
181.5971, 233.6149

■ 0.7549, 0.6115,
1.8116

218.8377,

■ 0.0000, 0.0000,

222.8760, 283.6592

0.4356

264.5573,
269.9795, 340.3840

■ 0.0000, 0.0000,
0.0000

■ 35.0374, 34.7112,
50.2007

■ 35.0374, 34.7112,
50.2007

■ 29.2252, 27.4741,
49.1107

■ 41.7195, 43.0929,
51.4669

■ 24.2438, 21.3275,
48.1868

■ 49.3021, 52.6614,
52.9142

■ 20.0559, 16.2197,
47.4216

■ 57.8183, 63.4621,
54.5501

■ 16.6200, 12.0928,
46.8062

■ 67.2984, 75.5368,
56.3810

■ 13.8907, 8.8833,
46.3305

■ 77.7714, 88.9253,
58.4133

■ 11.8177, 6.5202,
45.9837

■ 85.5184, 96.1720,
59.4037

■ 10.3439, 4.9218,
45.7528

■ 85.6518, 96.2407,
59.4100

■ 9.4012, 3.9889,
45.6224

■ 9.0849, 3.6840,
45.5802

Harmonies

Analogous

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



32.7640, 34.7112, 51.8656



35.0374, 34.7112, 50.2007



36.8326, 34.7112, 45.0942

Triad

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



35.0374, 34.7112, 50.2007



35.4510, 34.7112, 28.1563



28.7802, 34.7112, 37.1439

Complementary

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



35.0374, 34.7112, 50.2007



41.9649, 46.3855, 38.1956

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.



29.4281, 34.7112, 31.3285



35.0374, 34.7112, 50.2007



33.2210, 34.7112, 26.5308

Square

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



35.0374, 34.7112, 50.2007



37.0790, 34.7112, 32.3394



31.0277, 34.7112, 27.6219



29.2168, 34.7112, 43.8311

Rectangle

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



35.0374, 34.7112, 50.2007



37.4796, 34.7112, 40.7012



31.0277, 34.7112, 27.6219



28.8776, 34.7112, 35.0298

Sweetspot

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



35.0385, 34.7126, 50.2015



75.7980, 78.3318, 93.3292



38.7383, 43.2799, 51.6601



16.1469, 16.6431, 20.0830



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



35.0385, 34.7126, 50.2015



60.0999, 58.6603, 90.3596



37.9376, 36.2072, 50.3371



8.6373, 8.7794, 11.3188



6.2983, 2.5581, 31.4149



0.2603, 0.1099, 1.1092

Inverse Universe

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



39.8950, 37.2640, 48.2716



70.4836, 64.1171, 86.1559



38.9242, 44.8180, 38.0533



9.3243, 9.1401, 11.0551



17.8804, 8.7259, 23.0546



0.6456, 0.3137, 0.8931

Previews

White Background



This preview shows how the XYZ color 35.0374, 34.7112, 50.2007 looks on a white background.

Color Contrast Check

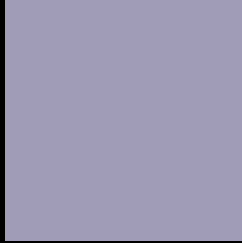
Large Text (above 18pt) WCAG AA × Fail

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 35.0374, 34.7112, 50.2007 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

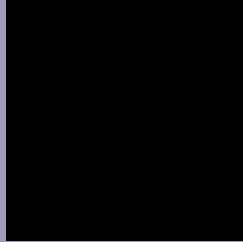
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 35.0374, 34.7112, 50.2007

Background



This preview shows how black text looks on a background with the XYZ color 35.0374, 34.7112, 50.2007.



This preview shows how white text looks on a background with the XYZ color 35.0374, 34.7112,

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

35.0374, 34.7112, 50.2007

Protanopia

34.3102, 34.8265, 50.8128

Deuteranopia

35.4773, 34.6899, 50.1734



Tritanopia

33.6781, 34.6631, 43.4437

Trichromacy



Original Color

35.0374, 34.7112, 50.2007

Protanomaly

34.5242, 34.6846, 50.7741

Deuteranomaly

35.2734, 34.5848, 50.1638

Tritanomaly

34.1915, 34.6195, 45.9544

Monochromacy



Original Color

35.0374, 34.7112, 50.2007

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

34.0568, 35.1344, 42.5228

CSS Examples

Text

The CSS property to change the color of the text to XYZ 35.0374, 34.7112, 50.2007 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(160, 156, 184)` looks like.

```
.text, #text, p{  
    color:rgb(160, 156, 184)  
}
```

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(160, 156, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 156, 184) }
```

Border

The CSS property to change the border of an element to XYZ 35.0374, 34.7112, 50.2007 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(160, 156, 184) }
```


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

```
.border{ border-color:rgb(160, 156, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 156, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 156, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 156, 184);  
box-shadow:4px 4px 4px 4px rgb(160, 156,  
184) }
```

Background

The CSS property to change the background color of an element to XYZ 35.0374, 34.7112, 50.2007 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 156, 184) }
```

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

```
.background{ background-color: rgb(160,  
156, 184) }
```

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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