

Converting Colors

XYZ(33.6695, 24.9324, 57.0707)

Have a look what the booklet for
XYZ(33.6695, 24.9324, 57.0707)
contains.

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Color

**XYZ(33.6695, 24.9324,
57.0707)**

Conversions

Conversions Part 1

Format	Color
Hex	AE71C7
RGB	174, 113, 199
RGB Percent	68%, 44%, 78%
CMY	0.3176, 0.5568, 0.2196
CMYK	0.13, 0.43, 0.00, 0.22
HSL	283°, 43%, 61%
HSV	283°, 43%, 78%
XYZ	33.6695, 24.9324, 57.0707
YIQ	141.0430, 8.7500, 39.6780

Conversions

Conversions Part 2

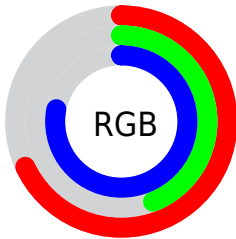
Format	Color
RYB	174, 113, 199
Decimal	11432391
CIELab	57.01, 39.09, -35.38
CIElCh	57, 52.719, 317.852
Yxy	24.9324, 0.2911, 0.2155
Android (android.graphics.Color)	4289622471 (0xFFAE71C7)
YUV	141.0430, 28.5728, 28.9033
Hunter-Lab	49.9324, 32.9813, -32.8135

Details

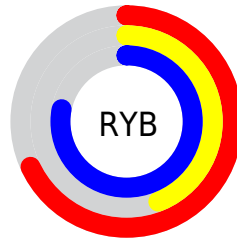
The XYZ color **33.6695, 24.9324, 57.0707** is a light color, and the websafe version is hex **9966CC**. A complement of this color would be **33.8860, 47.4429, 22.9952**, and the grayscale version is **25.2242, 26.5378, 28.8996**.

A 20% lighter version of the original color is **64.6412, 51.4814, 101.1377**, and **14.6341, 9.5924, 27.8683** is the 20% darker color. If you saturate the color by 10%, you get **30.4270, 20.3191, 56.3515**, and if you desaturate by 10%, it is **37.4560, 30.5499, 57.9558**.

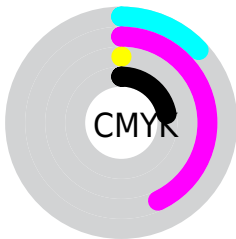
Distribution



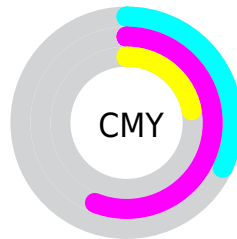
- Red (68%)
- Green (44%)
- Blue (78%)



- Red (68%)
- Yellow (44%)
- Blue (78%)



- Cyan (13%)
- Magenta (43%)
- Yellow (0%)
- Black (22%)



- Cyan (32%)
- Magenta (56%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 33.6695, 24.9324, 57.0707 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 33.6695, 24.9324, 57.0707 by changing the saturation by 10% instead.

■ 33.6695, 24.9324,
57.0707

■ 33.6695, 24.9324,
57.0707

310.2678,
277.5011, 431.2153

■ 22.8015, 16.0267,
40.6523

■ 64.7671, 51.5475,
102.0697

■ 14.5669, 9.5430,
27.7298

■ 85.7274, 70.0258,
131.4873

■ 8.6003, 5.0971,
17.8848

■ 110.7825, 92.4636,
166.0751

■ 4.5364, 2.3043,
10.6987

■ 140.2978,
119.2455, 206.2516

■ 2.0099, 0.7760,
5.7530

174.6386,
150.7558, 252.4354

■ 0.6395, 0.0000,
2.6291

214.1703,

■ 0.0000, 0.0000,

187.3789, 305.0449

0.9074

259.2582,
229.4992, 364.4987

■ 0.0000, 0.0000,
0.0000

■ 33.6695, 24.9324,
57.0707

■ 33.6695, 24.9324,
57.0707

■ 30.4270, 20.3191,
56.3515

■ 37.4560, 30.5499,
57.9558

■ 27.6931, 16.6421,
55.7859

■ 41.8137, 37.2272,
59.0150

■ 25.4318, 13.8302,
55.3623

■ 46.7712, 45.0197,
60.2578

■ 23.6011, 11.8000,
55.0669

■ 52.3542, 53.9778,
61.6926

■ 22.1501, 10.4513,
54.8831

■ 58.5869, 64.1488,
63.3273

■ 21.3194, 9.7997,
54.8011

■ 65.4920, 75.5775,
65.1694

■ 73.0911, 88.3061,
67.2257

■ 75.6690, 90.9030,
67.5911

■ 77.4533, 91.8228,
67.6746

Harmonies

Analogous

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



27.5391, 24.9324, 74.2753



33.6695, 24.9324, 57.0707



37.3513, 24.9324, 34.9762

Triad

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



33.6695, 24.9324, 57.0707



26.2932, 24.9324, 5.5917



14.0729, 24.9324, 39.0030

Complementary

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



33.6695, 24.9324, 57.0707



33.8860, 47.4429, 22.9952

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.



13.8573, 24.9324, 20.5833



33.6695, 24.9324, 57.0707



20.2308, 24.9324, 5.9037

Square

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



33.6695, 24.9324, 57.0707



32.6216, 24.9324, 8.8984



15.9189, 24.9324, 10.0887



16.5703, 24.9324, 61.1002

Rectangle

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



33.6695, 24.9324, 57.0707



37.5616, 24.9324, 22.7491



15.9189, 24.9324, 10.0887



13.7491, 24.9324, 32.0783

Sweetspot

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



33.6704, 24.9334, 57.0712



81.9146, 78.8608, 105.5120



26.3234, 26.0426, 57.6726



17.0968, 16.1879, 22.4734



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.



33.6704, 24.9334, 57.0712



53.5121, 35.9057, 98.7178



37.8818, 27.3224, 47.4255



10.7712, 10.6558, 13.4066



13.7993, 6.3480, 35.2424



0.7228, 0.3363, 1.6720

Inverse Universe

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



34.0464, 25.7882, 27.2287



54.6770, 37.8488, 38.1168



31.2769, 45.9752, 28.4162



10.7586, 10.6868, 11.7119



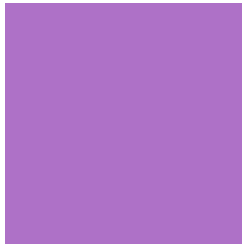
15.6673, 8.0165, 3.4578



0.7740, 0.3924, 0.3330

Previews

White Background



This preview shows how the XYZ color 33.6695, 24.9324, 57.0707 looks on a white background.

Color Contrast Check

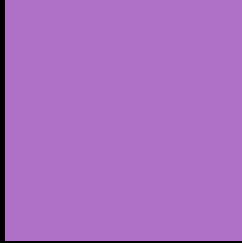
Large Text (above 18pt) WCAG AA ✓ Pass

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 33.6695, 24.9324, 57.0707 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

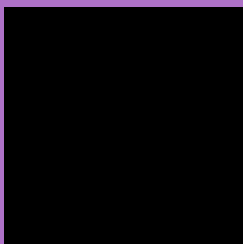
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 33.6695, 24.9324, 57.0707

Background



This preview shows how black text looks on a background with the XYZ color 33.6695, 24.9324, 57.0707.



This preview shows how white text looks on a background with the XYZ color 33.6695, 24.9324,

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

33.6695, 24.9324, 57.0707

Protanopia

26.9933, 25.1241, 69.0724

Deuteranopia

25.8569, 25.2615, 55.1429



Tritanopia

27.6218, 24.9842, 27.0335

Trichromacy



Original Color

33.6695, 24.9324, 57.0707



Protanomaly

28.4538, 24.4001, 64.1828



Deuteranomaly

27.9995, 24.7422, 55.5245



Tritanomaly

29.4531, 24.7820, 36.4888

Monochromacy



Original Color

33.6695, 24.9324, 57.0707



Achromatopsia

25.3171, 26.6356, 29.0061



Achromatomaly

27.7748, 25.6135, 37.6624

CSS Examples

Text

The CSS property to change the color of the text to XYZ 33.6695, 24.9324, 57.0707 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(174, 113, 199)` looks like.

```
.text, #text, p{  
    color:rgb(174, 113, 199)  
}
```

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(174, 113, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 113, 199) }
```

Border

The CSS property to change the border of an element to XYZ 33.6695, 24.9324, 57.0707 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(174, 113, 199) }
```


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

```
.border{ border-color:rgb(174, 113, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 113, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 113, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 113, 199);  
box-shadow:4px 4px 4px 4px rgb(174, 113,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 33.6695, 24.9324, 57.0707 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 113, 199) }
```

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

```
.background{ background-color: rgb(174,  
113, 199) }
```

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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