

Converting Colors

XYZ(24.2346, 22.6770, 34.9981)

Have a look what the booklet for
XYZ(24.2346, 22.6770, 34.9981)
contains.

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Color

**XYZ(24.2346, 22.6770,
34.9981)**

Conversions

Conversions Part 1

Format	Color
Hex	8C7D9D
RGB	140, 125, 157
RGB Percent	55%, 49%, 62%
CMY	0.4510, 0.5098, 0.3843
CMYK	0.11, 0.20, 0.00, 0.38
HSL	268°, 14%, 55%
HSV	268°, 20%, 62%
XYZ	24.2346, 22.6770, 34.9981
YIQ	133.1330, -1.3320, 13.1320

Conversions

Conversions Part 2

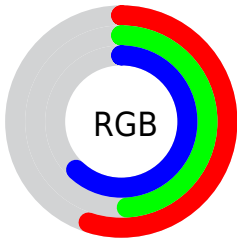
Format	Color
RYB	140, 125, 157
Decimal	9207197
CIELab	54.74, 12.15, -15.04
CIELCh	55, 19.334, 308.935
Yxy	22.6770, 0.2959, 0.2769
Android (android.graphics.Color)	4287397277 (0xFF8C7D9D)
YUV	133.1330, 11.7664, 6.0224
Hunter-Lab	47.6204, 7.5052, -10.2403

Details

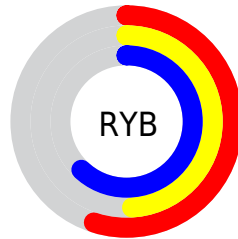
The XYZ color **24.2346, 22.6770, 34.9981** is a dark color, and the websafe version is hex **9999CC**. A complement of this color would be **26.9148, 31.3460, 24.0350**, and the grayscale version is **22.3022, 23.4636, 25.5519**.

A 20% lighter version of the original color is **50.0522, 48.0636, 68.9265**, and **9.4024, 8.3831, 14.7582** is the 20% darker color. If you saturate the color by 10%, you get **21.0495, 18.3146, 34.3243**, and if you desaturate by 10%, it is **27.8418, 27.7246, 35.7826**.

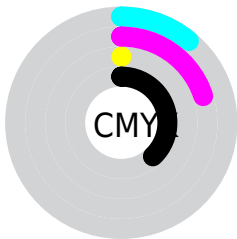
Distribution



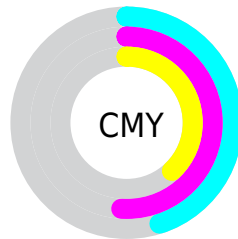
- Red (55%)
- Green (49%)
- Blue (62%)



- Red (55%)
- Yellow (49%)
- Blue (62%)



- Cyan (11%)
- Magenta (20%)
- Yellow (0%)
- Black (38%)



- Cyan (45%)
- Magenta (51%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2346, 22.6770, 34.9981 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 24.2346, 22.6770, 34.9981 by changing the saturation by 10% instead.

■ 24.2346, 22.6770,
34.9981

■ 24.2346, 22.6770,
34.9981

266.4229,
266.0616, 339.4639

■ 15.6334, 14.3552,
23.3779

■ 49.8647, 47.8624,
68.6344

■ 9.3543, 8.3681,
14.6649

■ 67.6242, 65.4948,
91.4875

■ 5.0320, 4.3314,
8.4405

■ 89.1673, 86.9995,
118.9220

■ 2.3010, 1.8606,
4.2863

114.8593,
112.7609, 151.3564

■ 0.7952, 0.5245,
1.7837

145.0655,
143.1635, 189.2092

■ 0.0000, 0.0000,
0.4172

180.1512,

■ 0.0000, 0.0000,

178.5915, 232.8991

0.0000

220.4819,
219.4294, 282.8445

■ 24.2346, 22.6770,
34.9981

■ 24.2346, 22.6770,
34.9981

■ 21.0495, 18.3146,
34.3243

■ 27.8418, 27.7246,
35.7826

■ 18.2674, 14.6038,
33.7547

■ 31.8851, 33.4832,
36.6810

■ 15.8707, 11.5127,
33.2843

■ 36.3803, 39.9808,
37.6983

■ 13.8393, 9.0050,
32.9074

■ 41.3418, 47.2429,
38.8385

■ 12.1515, 7.0410,
32.6172

■ 46.7832, 55.2940,
40.1057

10.7827, 5.5754,
32.4065

52.7178, 64.1571,
41.5037

9.7042, 4.5554,
32.2665

59.1582, 73.8547,
43.0361

8.8784, 3.8739,
32.1785

66.1164, 84.4081,
44.7064

69.8913, 88.4123,
45.2803

Harmonies

Analogous

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



22.1969, 22.6770, 38.2030



24.2346, 22.6770, 34.9981



25.6109, 22.6770, 29.1570

Triad

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



24.2346, 22.6770, 34.9981



23.0613, 22.6770, 15.2745



17.7518, 22.6770, 26.5606

Complementary

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



24.2346, 22.6770, 34.9981



26.9148, 31.3460, 24.0350

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.



17.9495, 22.6770, 20.7068



24.2346, 22.6770, 34.9981



20.9232, 22.6770, 14.8130

Square

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



24.2346, 22.6770, 34.9981



24.9031, 22.6770, 18.0226



19.0784, 22.6770, 16.6373



18.5192, 22.6770, 32.8306

Rectangle

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



24.2346, 22.6770, 34.9981



25.9187, 22.6770, 24.9102



19.0784, 22.6770, 16.6373



17.7087, 22.6770, 24.4739

Sweetspot

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



24.2353, 22.6780, 34.9986



52.8524, 53.8911, 64.7431



24.2270, 26.1610, 35.6713



11.5372, 11.7267, 14.2258



74.8435, 78.7412, 85.7492



12.6291, 13.2868, 14.4694

Same Dimension

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



24.2353, 22.6780, 34.9986



40.9845, 37.2792, 62.1622



27.1175, 24.1638, 35.1335



6.5655, 6.5800, 8.3307



7.2529, 3.1680, 26.1365



0.1781, 0.0816, 0.4696

Inverse Universe

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



26.1215, 23.7893, 28.8074



44.9756, 39.6317, 49.0230



24.3735, 30.0359, 23.9160



6.7729, 6.7021, 7.6553



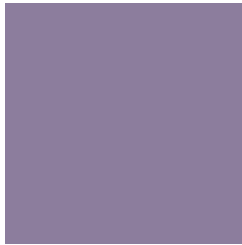
12.5930, 6.3418, 7.3736



0.2465, 0.1219, 0.2440

Previews

White Background



This preview shows how the XYZ color 24.2346, 22.6770, 34.9981 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 24.2346, 22.6770, 34.9981 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

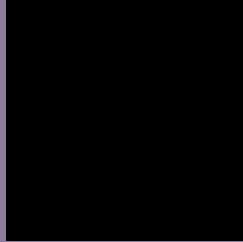
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2346, 22.6770, 34.9981

Background



This preview shows how black text looks on a background with the XYZ color 24.2346, 22.6770, 34.9981.



This preview shows how white text looks on a background with the XYZ color 24.2346, 22.6770,

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

24.2346, 22.6770, 34.9981

Protanopia

22.6400, 22.7884, 36.4631

Deuteranopia

23.0800, 22.6639, 34.6106



Tritanopia

22.6231, 22.5917, 27.2130

Trichromacy



Original Color

24.2346, 22.6770, 34.9981

Protanomaly

23.1831, 22.6874, 35.9581

Deuteranomaly

23.4216, 22.6474, 34.5894

Tritanomaly

23.1814, 22.6264, 29.9336

Monochromacy



Original Color

24.2346, 22.6770, 34.9981

Achromatopsia

22.2940, 23.4551, 25.5426

Achromatomaly

23.0185, 23.1525, 28.8469

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2346, 22.6770, 34.9981 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(140, 125, 157)` looks like.

```
.text, #text, p{  
    color:rgb(140, 125, 157)  
}
```

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(140, 125, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 125, 157) }
```

Border

The CSS property to change the border of an element to XYZ 24.2346, 22.6770, 34.9981 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(140, 125, 157) }
```


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

```
.border{ border-color:rgb(140, 125, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 125, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 125, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 125, 157);  
box-shadow:4px 4px 4px 4px rgb(140, 125,  
157) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2346, 22.6770, 34.9981 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 125, 157) }
```

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

```
.background{ background-color: rgb(140,  
125, 157) }
```

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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