

Converting Colors

XYZ(24.2009, 21.5585, 31.4173)

Have a look what the booklet for
XYZ(24.2009, 21.5585, 31.4173)
contains.

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Color

**XYZ(24.2344, 21.6595,
31.3372)**

Conversions

Conversions Part 1

Format	Color
Hex	947795
RGB	148, 119, 149
RGB Percent	58%, 47%, 58%
CMY	0.4196, 0.5333, 0.4157
CMYK	0.01, 0.20, 0.00, 0.42
HSL	298°, 12%, 53%
HSV	298°, 20%, 58%
XYZ	24.2344, 21.6595, 31.3372
YIQ	131.0910, 7.6540, 15.4780

Conversions

Conversions Part 2

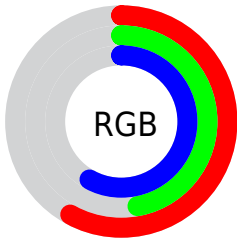
Format	Color
R_{YB}	148, 119, 149
Decimal	9729941
CIE _{Lab}	53.66, 16.78, -11.94
CIE _{LCh}	54, 20.593, 324.571
Yxy	21.6595, 0.3138, 0.2805
Android (android.graphics.Color)	4287920021 (0xFF947795)
YUV	131.0910, 8.8291, 14.8292
Hunter-Lab	46.5398, 11.5047, -7.3446

Details

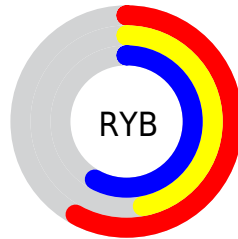
The XYZ color **24.2344, 21.6595, 31.3372** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **21.8237, 26.8204, 21.4805**, and the grayscale version is **21.5740, 22.6975, 24.7176**.

A 20% lighter version of the original color is **49.6995, 45.9942, 62.7582**, and **9.3245, 7.8035, 12.5701** is the 20% darker color. If you saturate the color by 10%, you get **22.5089, 18.3412, 30.7880**, and if you desaturate by 10%, it is **26.2396, 25.5359, 31.9801**.

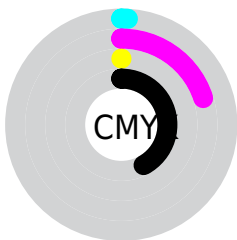
Distribution



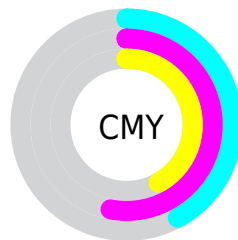
- Red (58%)
- Green (47%)
- Blue (58%)



- Red (58%)
- Yellow (47%)
- Blue (58%)



- Cyan (1%)
- Magenta (20%)
- Yellow (0%)
- Black (42%)



- Cyan (42%)
- Magenta (53%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.2344, 21.6595, 31.3372 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 24.2344, 21.6595, 31.3372 by changing the saturation by 10% instead.

■ 24.2344, 21.6595,
31.3372

■ 24.2344, 21.6595,
31.3372

266.4219,
260.7629, 322.4880

■ 15.6333, 13.6069,
20.5951

■ 49.8643, 46.1826,
62.8564

■ 9.3542, 7.8478,
12.6400

■ 67.6238, 63.4219,
84.4705

■ 5.0319, 3.9977,
7.0533

■ 89.1669, 84.4922,
110.5458

■ 2.3009, 1.6723,
3.4165

114.8587,
109.7779, 141.5008

■ 0.7951, 0.4056,
1.3111

145.0648,
139.6634, 177.7539

■ 0.0000, 0.0000,
0.0708

180.1505,

■ 0.0000, 0.0000,

174.5332, 219.7238

0.0000

220.4811,
214.7716, 267.8290

■ 24.2344, 21.6595,
31.3372

■ 24.2344, 21.6595,
31.3372

■ 22.5089, 18.3412,
30.7880

■ 26.2396, 25.5359,
31.9801

■ 21.0482, 15.5524,
30.3267

■ 28.5347, 29.9918,
32.7192

■ 19.8391, 13.2661,
29.9491

■ 31.1316, 35.0508,
33.5588

■ 18.8663, 11.4518,
29.6502

■ 34.0411, 40.7344,
34.5025

■ 18.1130, 10.0759,
29.4243

■ 37.2734, 47.0631,
35.5537

■ 17.5600, 9.1002,
29.2651

■ 40.8383, 54.0564,
36.7156

■ 17.1850, 8.4799,
29.1651

■ 44.7451, 61.7330,
37.9915

■ 16.9326, 8.1024,
29.1056

■ 49.0029, 70.1109,
39.3841

■ 53.6202, 79.2072,
40.8966

Harmonies

Analogous

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



22.3986, 21.6595, 36.4247



24.2344, 21.6595, 31.3372



25.0976, 21.6595, 24.7498

Triad

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



24.2344, 21.6595, 31.3372



20.9900, 21.6595, 13.4516



16.9700, 21.6595, 28.9957

Complementary

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



24.2344, 21.6595, 31.3372



21.8237, 26.8204, 21.4805

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.



16.6515, 21.6595, 22.4545



24.2344, 21.6595, 31.3372



18.8752, 21.6595, 14.1825

Square

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



24.2344, 21.6595, 31.3372



23.1409, 21.6595, 15.0160



17.3247, 21.6595, 17.2275



18.2278, 21.6595, 34.9128

Rectangle

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



24.2344, 21.6595, 31.3372



24.9641, 21.6595, 20.6615



17.3247, 21.6595, 17.2275



16.7535, 21.6595, 26.7688

Sweetspot

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



24.2351, 21.6604, 31.3377



48.5760, 48.8042, 57.7812



19.7500, 19.5259, 31.1620



10.7141, 10.7168, 12.7887



71.1368, 74.8414, 81.5023



11.3376, 11.9280, 12.9896

Same Dimension

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



24.2351, 21.6604, 31.3377



41.9953, 36.0823, 55.6724



23.3651, 21.3335, 25.8087



6.0164, 5.8994, 7.2913



14.2561, 6.8219, 24.4964



0.1793, 0.0860, 0.3000

Inverse Universe

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



22.3822, 20.9403, 20.6326



38.0873, 34.5648, 33.0303



22.5896, 27.1109, 26.2334



5.8082, 5.8183, 6.0959



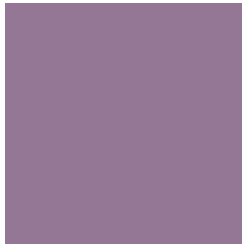
10.4568, 5.3878, 0.6206



0.1295, 0.0666, 0.0158

Previews

White Background



This preview shows how the XYZ color 24.2344, 21.6595, 31.3372 looks on a white background.

Color Contrast Check

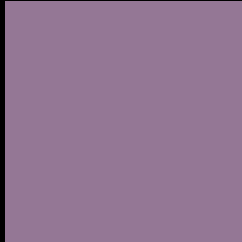
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.2344, 21.6595, 31.3372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

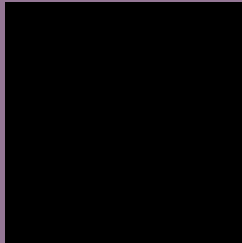
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.2344, 21.6595, 31.3372

Background



This preview shows how black text looks on a background with the XYZ color 24.2344, 21.6595, 31.3372.



This preview shows how white text looks on a background with the XYZ color 24.2344, 21.6595,

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

24.2344, 21.6595, 31.3372

Protanopia

21.6741, 21.7563, 34.0674

Deuteranopia

22.1946, 21.7109, 31.0378



Tritanopia

22.9785, 21.6960, 24.8064

Trichromacy



Original Color

24.2344, 21.6595, 31.3372

Protanomaly

22.4731, 21.6207, 33.1258

Deuteranomaly

22.9095, 21.7073, 30.9994

Tritanomaly

23.4574, 21.7128, 26.9994

Monochromacy



Original Color

24.2344, 21.6595, 31.3372

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.4933, 22.3321, 27.1698

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.2344, 21.6595, 31.3372 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(148, 119, 149)` looks like.

```
.text, #text, p{  
    color:rgb(148, 119, 149)  
}
```

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(148, 119, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 119, 149) }
```

Border

The CSS property to change the border of an element to XYZ 24.2344, 21.6595, 31.3372 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(148, 119, 149) }
```


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

```
.border{ border-color:rgb(148, 119, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 119, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 119, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 119, 149);  
box-shadow:4px 4px 4px 4px rgb(148, 119,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 24.2344, 21.6595, 31.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 119, 149) }
```

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

```
.background{ background-color: rgb(148,  
119, 149) }
```

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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