

Converting Colors

XYZ(24.1326, 21.7497, 34.4779)

Have a look what the booklet for
XYZ(24.1326, 21.7497, 34.4779)
contains.

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Color

**XYZ(24.0449, 21.6729,
34.3685)**

Conversions

Conversions Part 1

Format	Color
Hex	8F789C
RGB	143, 120, 156
RGB Percent	56%, 47%, 61%
CMY	0.4392, 0.5294, 0.3882
CMYK	0.08, 0.23, 0.00, 0.39
HSL	278°, 15%, 54%
HSV	278°, 23%, 61%
XYZ	24.0449, 21.6729, 34.3685
YIQ	130.9810, 2.1520, 16.0720

Conversions

Conversions Part 2

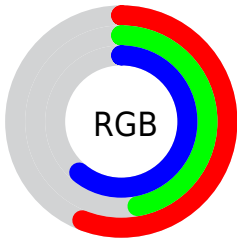
Format	Color
R_{YB}	143, 120, 156
Decimal	9402524
CIE _{Lab}	53.68, 15.89, -16.04
CIE _{LCh}	54, 22.578, 314.730
Yxy	21.6729, 0.3002, 0.2706
Android (android.graphics.Color)	4287592604 (0xFF8F789C)
YUV	130.9810, 12.3344, 10.5407
Hunter-Lab	46.5542, 10.7242, -11.1828

Details

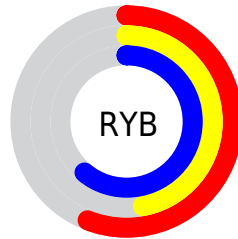
The XYZ color **24.0449, 21.6729, 34.3685** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.9523, 30.1202, 22.2690**, and the grayscale version is **21.5240, 22.6449, 24.6603**.

A 20% lighter version of the original color is **49.5364, 46.0785, 67.9112**, and **9.2167, 7.8017, 14.3847** is the 20% darker color. If you saturate the color by 10%, you get **21.3687, 17.7318, 33.7492**, and if you desaturate by 10%, it is **27.0771, 26.2524, 35.0930**.

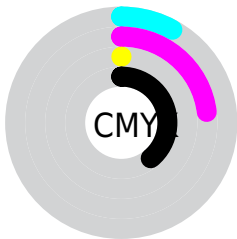
Distribution



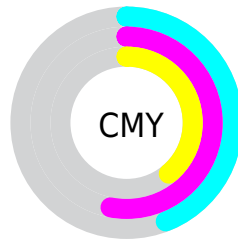
- Red (56%)
- Green (47%)
- Blue (61%)



- Red (56%)
- Yellow (47%)
- Blue (61%)



- Cyan (8%)
- Magenta (23%)
- Yellow (0%)
- Black (39%)



- Cyan (44%)
- Magenta (53%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0449, 21.6729, 34.3685 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 24.0449, 21.6729, 34.3685 by changing the saturation by 10% instead.

■ 24.0449, 21.6729,
34.3685

■ 24.0449, 21.6729,
34.3685

265.4837,
260.8333, 336.5912

■ 15.4918, 13.6167,
22.8972

■ 49.5576, 46.2048,
67.6467

■ 9.2539, 7.8546,
14.3130

■ 67.2480, 63.4493,
90.2907

■ 4.9656, 4.0020,
8.1975

■ 88.7148, 84.5254,
117.4961

■ 2.2616, 1.6747,
4.1320

114.3235,
109.8174, 149.6812

■ 0.7749, 0.4072,
1.6980

144.4393,
139.7099, 187.2648

■ 0.0000, 0.0000,
0.3594

179.4278,

■ 0.0000, 0.0000,

174.5871, 230.6653

0.0000

219.6541,
214.8334, 280.3013

■ 24.0449, 21.6729,
34.3685

■ 24.0449, 21.6729,
34.3685

■ 21.3687, 17.7318,
33.7492

■ 27.0771, 26.2524,
35.0930

■ 19.0310, 14.3965,
33.2286

■ 30.4778, 31.4955,
35.9257

■ 17.0157, 11.6354,
32.8019

■ 34.2612, 37.4293,
36.8717

■ 15.3045, 9.4131,
32.4631

■ 38.4403, 44.0787,
37.9349

■ 13.8772, 7.6900,
32.2058

■ 43.0273, 51.4672,
39.1192

■ 12.7104, 6.4209,
32.0223

■ 48.0339, 59.6172,
40.4285

■ 11.7769, 5.5523,
31.9038

■ 53.4713, 68.5502,
41.8661

■ 11.2193, 5.0906,
31.8441

■ 59.3503, 78.2869,
43.4356

■ 63.9330, 85.3505,
44.5575

Harmonies

Analogous

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



21.8034, 21.6729, 38.9462



24.0449, 21.6729, 34.3685



25.4139, 21.6729, 27.2785

Triad

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



24.0449, 21.6729, 34.3685



21.8474, 21.6729, 12.9494



16.4252, 21.6729, 27.1452

Complementary

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



24.0449, 21.6729, 34.3685



24.9523, 30.1202, 22.2690

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.



16.4350, 21.6729, 20.2646



24.0449, 21.6729, 34.3685



19.4407, 21.6729, 12.9276

Square

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



24.0449, 21.6729, 34.3685



24.0793, 21.6729, 15.4185



17.4999, 21.6729, 15.3518



17.4721, 21.6729, 34.2546

Rectangle

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



24.0449, 21.6729, 34.3685



25.5848, 21.6729, 22.5180



17.4999, 21.6729, 15.3518



16.3078, 21.6729, 24.7122

Sweetspot

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



24.0456, 21.6738, 34.3690



52.7635, 53.1860, 64.6117



22.1623, 23.2242, 34.7675



11.5382, 11.5919, 14.1997



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.



24.0456, 21.6738, 34.3690



40.9313, 35.3028, 61.7835



26.0296, 22.7427, 32.3817



6.6716, 6.6347, 8.3357



9.2800, 4.2130, 26.2313



0.2107, 0.0984, 0.4711

Inverse Universe

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



24.6612, 22.1953, 25.1758



42.3390, 36.4763, 41.6149



23.3239, 29.2462, 23.7519



6.7271, 6.6838, 7.4141



11.9033, 6.0659, 3.7416



0.2322, 0.1162, 0.1689

Previews

White Background



This preview shows how the XYZ color 24.0449, 21.6729, 34.3685 looks on a white background.

Color Contrast Check

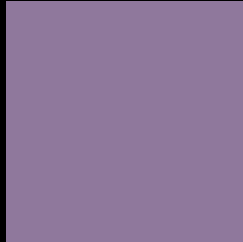
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0449, 21.6729, 34.3685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

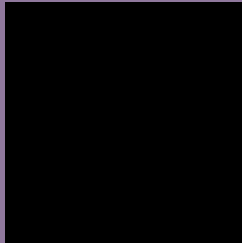
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.0449, 21.6729, 34.3685

Background



This preview shows how black text looks on a background with the XYZ color 24.0449, 21.6729, 34.3685.



This preview shows how white text looks on a background with the XYZ color 24.0449, 21.6729,

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

24.0449, 21.6729, 34.3685

Protanopia

21.7681, 21.7450, 36.7681

Deuteranopia

22.2793, 21.8775, 34.0589



Tritanopia

22.3259, 21.7120, 25.5684

Trichromacy



Original Color

24.0449, 21.6729, 34.3685

Protanomaly

22.3677, 21.5077, 35.7734

Deuteranomaly

22.7969, 21.7684, 34.0105

Tritanomaly

22.9499, 21.7816, 28.5859

Monochromacy



Original Color

24.0449, 21.6729, 34.3685

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.3147, 22.2231, 27.9243

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0449, 21.6729, 34.3685 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(143, 120, 156)` looks like.

```
.text, #text, p{  
    color:rgb(143, 120, 156)  
}
```

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(143, 120, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 120, 156) }
```

Border

The CSS property to change the border of an element to XYZ 24.0449, 21.6729, 34.3685 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(143, 120, 156) }
```


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

```
.border{ border-color:rgb(143, 120, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 120, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 120, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 120, 156);  
box-shadow:4px 4px 4px 4px rgb(143, 120,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0449, 21.6729, 34.3685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 120, 156) }
```

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

```
.background{ background-color: rgb(143,  
120, 156) }
```

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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