

Converting Colors

XYZ(24.0755, 21.8061, 22.7196)

Have a look what the booklet for
XYZ(24.0755, 21.8061, 22.7196)
contains.

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Color

**XYZ(24.0730, 21.7679,
22.6715)**

Conversions

Conversions Part 1

Format	Color
Hex	9C777E
RGB	156, 119, 126
RGB Percent	61%, 47%, 49%
CMY	0.3882, 0.5333, 0.5059
CMYK	0.00, 0.24, 0.19, 0.39
HSL	349°, 16%, 54%
HSV	349°, 24%, 61%
XYZ	24.0730, 21.7679, 22.6715
YIQ	130.8610, 19.8050, 10.0210

Conversions

Conversions Part 2

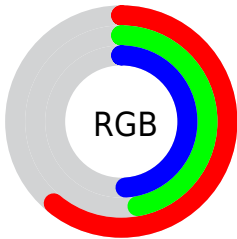
Format	Color
R_{YB}	156, 119, 126
Decimal	10254206
CIE _{Lab}	53.78, 15.57, 1.77
CIE _{LCh}	54, 15.674, 6.479
Yxy	21.7679, 0.3514, 0.3177
Android (android.graphics.Color)	4288444286 (0xFF9C777E)
YUV	130.8610, -2.3965, 22.0469
Hunter-Lab	46.6561, 10.4520, 3.8486

Details

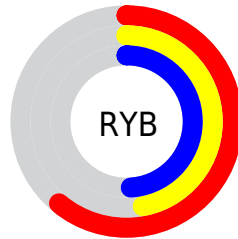
The XYZ color **24.0730, 21.7679, 22.6715** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **24.9219, 29.8693, 32.8870**, and the grayscale version is **21.5276, 22.6487, 24.6644**.

A 20% lighter version of the original color is **49.5636, 46.2294, 48.9587**, and **9.2386, 7.8592, 8.0512** is the 20% darker color. If you saturate the color by 10%, you get **21.6013, 18.0492, 18.0720**, and if you desaturate by 10%, it is **26.9539, 26.1394, 27.9172**.

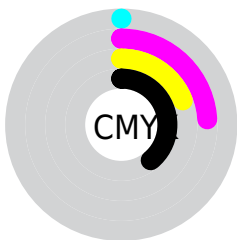
Distribution



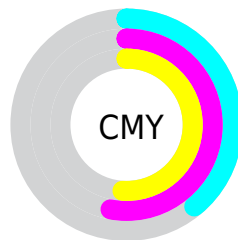
- Red (61%)
- Green (47%)
- Blue (49%)



- Red (61%)
- Yellow (47%)
- Blue (49%)



- Cyan (0%)
- Magenta (24%)
- Yellow (19%)
- Black (39%)



- Cyan (39%)
- Magenta (53%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 24.0730, 21.7679, 22.6715 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 24.0730, 21.7679, 22.6715 by changing the saturation by 10% instead.

■ 24.0730, 21.7679,
22.6715

■ 24.0730, 21.7679,
22.6715

265.6230,
261.3318, 279.1003

■ 15.5128, 13.6865,
14.1481

■ 49.6031, 46.3621,
48.7697

■ 9.2687, 7.9029,
8.0838

■ 67.3037, 63.6436,
67.1816

■ 4.9754, 4.0329,
4.0601

■ 88.7819, 84.7606,
89.7268

■ 2.2674, 1.6920,
1.6584

114.4029,
110.0975, 116.8237

■ 0.7779, 0.4185,
0.3320

144.5322,
140.0387, 148.8910

■ 0.0000, 0.0000,
0.0000

179.5350,

174.9685, 186.3472

219.7769,
215.2714, 229.6107

■ 24.0730, 21.7679,
22.6715

■ 24.0730, 21.7679,
22.6715

■ 21.6013, 18.0492,
18.0720

■ 26.9539, 26.1394,
27.9172

■ 19.5184, 14.9490,
14.0921

■ 30.2596, 31.1899,
33.8315

■ 17.8045, 12.4345,
10.7055


■ 34.0073, 36.9477,
40.4374


■ 16.4378, 10.4687,
7.8833


■ 38.2124, 43.4386,
47.7564


■ 15.3937, 9.0102,
5.5943

■ 42.8899, 50.6872,
55.8091


 14.6446, 8.0118,
3.8038


 48.0538, 58.7170,
64.6151

 14.1579, 7.4172,
2.4733

 53.7177, 67.5502,
74.1934

 13.9384, 7.1592,
1.8426

 59.8946, 77.2085,
84.5624

 65.1759, 84.8702,
95.2660

Harmonies

Analogous

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



23.7996, 21.7679, 27.5941



24.0730, 21.7679, 22.6715



23.4011, 21.7679, 18.6096

Triad

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



24.0730, 21.7679, 22.6715



18.8256, 21.7679, 17.0059



19.4255, 21.7679, 33.2507

Complementary

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



24.0730, 21.7679, 22.6715



24.9219, 29.8693, 32.8870

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.



18.1963, 21.7679, 29.6467



24.0730, 21.7679, 22.6715



17.8633, 21.7679, 20.1934

Square

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



24.0730, 21.7679, 22.6715



20.3269, 21.7679, 15.6371



17.6393, 21.7679, 24.7623



21.0569, 21.7679, 34.1491

Rectangle

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



24.0730, 21.7679, 22.6715



22.5279, 21.7679, 16.7870



17.6393, 21.7679, 24.7623



18.9544, 21.7679, 32.2938

Sweetspot

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



24.0736, 21.7689, 22.6720



52.8158, 53.3676, 57.6312



24.9198, 21.9470, 34.3754



11.5510, 11.6350, 12.5550



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.



24.0736, 21.7689, 22.6720



41.4612, 36.1252, 36.9925



25.0367, 24.3926, 20.8426



6.6818, 6.6656, 7.1754



11.4910, 5.9010, 1.5707



0.2178, 0.1104, 0.0929

Inverse Universe

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



24.0736, 21.7689, 22.6720



41.4612, 36.1252, 36.9925



23.7194, 26.5432, 35.3259



6.6818, 6.6656, 7.1754



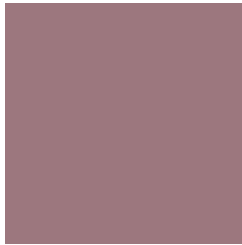
11.4910, 5.9010, 1.5707



0.2178, 0.1104, 0.0929

Previews

White Background



This preview shows how the XYZ color 24.0730, 21.7679, 22.6715 looks on a white background.

Color Contrast Check

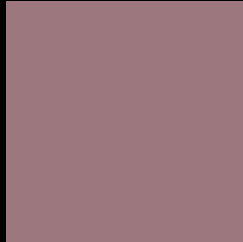
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0730, 21.7679, 22.6715 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

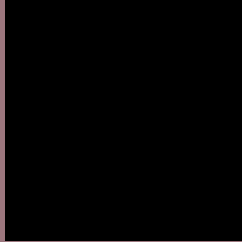
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

XYZ 24.0730, 21.7679, 22.6715

Background



This preview shows how black text looks on a background with the XYZ color 24.0730, 21.7679, 22.6715.



This preview shows how white text looks on a background with the XYZ color 24.0730, 21.7679,

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

24.0730, 21.7679, 22.6715

Protanopia

21.0218, 21.8229, 24.5770

Deuteranopia

22.2370, 21.7356, 22.4254



Tritanopia

24.2034, 21.8201, 23.3581

Trichromacy



Original Color

24.0730, 21.7679, 22.6715

Protanomaly

21.9435, 21.7412, 23.8088

Deuteranomaly

22.8739, 21.6956, 22.3841

Tritanomaly

24.1379, 21.7939, 23.0131

Monochromacy



Original Color

24.0730, 21.7679, 22.6715

Achromatopsia

21.5731, 22.6966, 24.7166

Achromatomaly

22.3670, 22.3392, 23.9019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 24.0730, 21.7679, 22.6715 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(156, 119, 126)` looks like.

```
.text, #text, p{  
    color:rgb(156, 119, 126)  
}
```

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(156, 119, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 119, 126) }
```

Border

The CSS property to change the border of an element to XYZ 24.0730, 21.7679, 22.6715 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(156, 119, 126) }
```


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

```
.border{ border-color:rgb(156, 119, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 119, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 119, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 119, 126);  
box-shadow:4px 4px 4px 4px rgb(156, 119,  
126) }
```

Background

The CSS property to change the background color of an element to XYZ 24.0730, 21.7679, 22.6715 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 119, 126) }
```

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

```
.background{ background-color: rgb(156,  
119, 126) }
```

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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